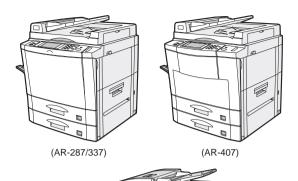
SHARP

SERVICE MANUAL





(AR-507)

Digital Copier

AR-287 AR-337 AR-407 MODEL AR-507

CONTENTS -

[Note]

This Service Manual describes only the differences from 00ZAR-505//A1E. The items which are not described in this Manual are common with the 00ZAR505//A1E.

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Parts marked with " $\underline{\wedge}$ " is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.



The AR-287/337/407/507 is a slightly upgraded model of the AR-286/336/405/505. The base models and their upgraded models are listed in the table below.

Upgrade list

Base model	Upgraded model				
AR-286	AR-287				
AR-336	AR-337				
AR-405	AR-407				
AR-505	AR-507				

List of changes AR-286/336/405/505 to AR-287/337/407/507

		AR-286/336/4	05/505		AR-287/337/407/507				
Section	Page	AR-200/330/4	Conter	nt					Remark
[1]	GENERA	l	OUNTER	<u></u>		Onai	ige		Kemark
1.1	1-3	2. System outline	(Ontions)			The network scanner kit (A	AR-NS1) is a		Refer to the
	1-6	2. Cystom outime	(Options)			The network source far ()	(1 (1 (O 1) 10 d	adod.	attached page
	1-7								1-3A/4A.
	1-8								
[2]	SPECIFIC	CATIONS				1			1
	2-1	Machine type				Memory			Refer to the
	2-4	13. Additional fun	ctions			,			attached page
		A. Main body	functions			Communication (E-mail St	atus/E-mail A	Alerts)	2-7/8/9/10/11/12
		B. Copy funct	ion			New functions are added.			
	0.0	15. Other specific	ations			The following six new fund	tions are add	led.:	
	2-6					21. Tandem function			
						22. Confidential print23. Large volume docume	nont modo		
						24. Security function	nent mode		
						25. Network Scanning			
						26. E-mail Status/E-mail	l Alerts		
		16. Outlook							
[3]	CONSUM	IABLE PARTS				1			1
	3-1	1. Consumable P	arts List			Change (Lower Heat Rolle	er Kit/Lower F	leat Roller)	Refer to the
	to								attached page
	3-7								3-8A/9A.
[4]	INSTALL	ATION AND SETU	-			No change			
[5]	EXTERN.	AL VIEW AND INTE	ERNAL ST	RUCTURE		No change			
[6]	SETTING	AND ADJUSTMEN	NTS						
	6-3	(3) Developing bia	as voltage	adjustment		(3) Developing bias voltag	e adjustment		
					ent range			ent range	
				AR-501	Others		AR-287/	AR-507	
		Developing negativ	o bioo	/505		Developing negative bias	337/407		
		voltage (Auto)	e Dias	-425 ±5V	-500 ±5V	voltage (Auto)	-500 ±5V	-425 ±5V	
		Developing negativ	e bias	500 ± 5\/	500 ± 5\/	Developing negative bias	500 LEV	500 ±51/	
		voltage (Character)		-500 ±5V	-500 ±5V	voltage (Character)	-500 ±5V	-500 ±5V	
		Developing negativ		-500 ±5V	-500 ±5V	Developing negative bias	-500 ±5V	-500 ±5V	
		voltage (Character, Developing negativ				voltage (Character, Photo) Developing negative bias			
		voltage (Photo)	C DIGS	-500 ±5V	-500 ±5V	voltage (Photo)	-500 ±5V	-500 ±5V	
		Developing bias (Pr		-500 ±5V		Developing negative bias	-450 ±5V	-500 ±5V	
		Developing positive	bias voltage	+150 ±5V	+150 ±5V	voltage (Toner save)	-+30 ±31	-000 ±0 v	
						Developing negative bias	-500 ±5V	-500 ±5V	
						voltage (Printer) Developing positive bias volta	age +150 +5V	+150 +5V	
		(4) Main charger grid voltage adjustment		(4) Main charger grid volta	ge adjustme	nt			
				ljustment rang			Adjustme	ent range	
				AR-250/281/ 286/336/405	AR-501 /505		AR-287/ 337/407	AR-507	
		Grid voltage (Auto)	-642 ±5V	-602 ±5V	-570 ±5V	Grid voltage (Auto)	-602 ±5V	-570 ±5V	
		Grid voltage (ridio)				Grid voltage (Character)	-602 ±5V	-645 ±5V	
		(Character)	-642 ±5V	-602 ±5V	-645 ±5V	Grid voltage (Character,	-602 ±5V	-645 ±5V	
		Grid voltage	-642 ±5V	-602 ±5V	-645 ±5V	Photo)			
		(Character, Photo)	0.2 207		0.0 ±01	Grid voltage (Photo)	-602 ±5V	-645 ±5V	
		Grid voltage (Photo)	-642 ±5V	$-602 \pm 5V$	-645 ±5V	Grid voltage (Toner save) Grid voltage (Printer)	-552 ±5V -602 ±5V	-645 ±5V -645 ±5V	
		Grid voltage	0.40 = 1.1			Sild voltage (Fillitel)	-002 ±3V	U 1 U ±U V	
		(Printer)	-642 ±5V	-602 ±5V	-645 ±5V				
	Ī	Grid voltage (FAX)	-642 ±5V	-602 ±5V	-645 ±5V	i			I

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		AR-286/33	6/405/505							Α	R-287/337/	407/507	
Section	Page		Cont	ent			1			Chan	ge		Remark
[6]	6-5	(5) Transfer cha	arger curre	nt adju	ustmen	İ		(5) Transfer charger		curren	ıt adjustmeı	nt	
				Adjus	tment s	рес		Transfer charg	nor.		Adjustment	spec	
		Transfer charg				_ AR-501		Transfer charg current	jei	AR-2	1 AR-40	7 AR-507	
		current			AR-40	5 /505				/337	7		
		TC drum current	/335		+15.0) +18.0		TC drum current (Front surface me		+13.5 +15.0			
		(Front surface m		5.5 5μΑ	+1.5µ			TC drum current		+13.5			
		TC drum current		-	+15.0			(Back surface mo		+15.0			
		(Back surface m	ode) +1.	δμA	+1.5µ	A +1.5μA		•					
		(6) Separation	charger DC	comp	onent	voltage		(6) Separation (charg	er DC	componen	t voltage	
			А	djustm	ent rang	е				Ac	djustment ran	ge	
			AR-250/28			AR-501				2-287	AR-407	AR-507	
			/281/285/28	6 AF	R-405	/505			/3	337	74107	7411 001	
		Separation DC	/335/336	-				Separation DC component					
		component	4.4040	.	0 . 40 4	000 : 40) /		voltage (Front	-140) ±10V	-150 ±10V	-200 ±10V	
		voltage (Front	-140 ±10\	-15	0 ±10V	–200 ±10V		surface mode)					
		surface mode)						Separation DC					
		Separation DC component						component voltage (Back	-140	±10V	-150 ±10V	-200 ±10V	
		voltage (Back	-140 ±10\	′ – 15	0 ±10V	–200 ±10V		surface mode)					
		surface mode)						,			I		
[7]	SIMULAT	ION											
1.1		B. List					7	Change					Refer to the
		C. Details of sir	mulations					3.					attached page
		8-1						Change (Delete	: TO	NER S	SAVE)		7-51 – 7-57.
		8-2						Change (Defau				,	
		8-6						Change (Defau				,	
		8-7 22-1						Change (Defau Change (Delete			-287/337/4	37)	
		26-10/12/13						Add	;. ra)	(item)			
		26-22						Change (Add: I'	TALI	AN/SW	/EDISH/DU	TCH)	
		26/32						Add				,	
		26-44						Change					
		26-52						Add					
		50-1/2						Change					
		50-26 51-3						Add (AD 507 F		المممد	LIZ only)		
		61-2/4						Add (AR-507 E			• ,	77)	
		67-18						Add	ı vall	uo. Ai\	201/331/4	<i>.</i> ,	
[8]	DISASSE	SSEMBLY, ASSEMBLY, MAINTENANCE				-	No change						
[9]		E CODE LIST	,										1
1-1								Add (Trouble co	ode: (CE)			Refer to the attached page 9-1
[10]	OPERAT	IONAL DESCRIF	PTION				$^{+}$	No change					1 3 1
[10]	OPERAI	IONAL DESCRIP	TIUN					ivo change					

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2. System outline (Options) (AR-287/337/407/507)

			Copier	· model	
Name	Model	AR-287	AR-337	AR-407	AR-507
Automatic document feeder	RSPF	_	_	_	Standard
Reversing automatic document feeder	AR-RF1	Standard	Standard	_	_
	AR-RF2	_	_	Standard	_
Stand/500 sheet paper drawer	AR-DE1N	О	0	0	_
	AR-DE7	_	_	_	0
Large capacity tray	AR-LC1N	0	0	О	0
500-sheet paper drawer	AR-CS1	0	0	0	_
	AR-CS3	_	_	_	О
Desk	AR-DD1	О	0	0	О
2-tray paper exit unit	AR-DU1	Standard	Standard	Standard	Standard
Exit tray	AR-TE1	0	0	0	O (SEC/SECL)
	AR-TE2	_	_	_	O (EX destinations other than SEC/SECL)
Dual tray output unit	AR-TR1	О	0	0	_
Finisher	AR-FN1N	О	0	0	_
	AR-FN2	О	0	0	_
	AR-FN3	_	_	_	0
Printer board	AR-PB2A	0	0	О	0
	AR-SM1	0	0	0	О
NIC card (10 base T/2)	AR-NC1D	0	0	0	О
NIC card (10 base T/100 base TX)	AR-NC3D	0	0	О	0
Network scanner kit	AR-NS1	0	0	0	О
Mounting kit	AR-XB3	О	0	О	0
Tandem connection cable	AR-CA1	_	0	О	0
Sharpdesk 5 license kit	AR-U11M	0	0	О	0
	AR-U15M	0	0	О	0
Security ROM	AR-FR1	0	0	_	_
	AR-FR2			О	
	AR-FR3	_	_	_	О



Finisher: Finisher: Finisher: AR-FN1N (AR-287/337/407) AR-FN2 (AR-287/337/407) AR-FN3 (AR-507) Exit tray: AR-287/337 AR-TE1 (AR-287/337/407/507 (SEC/SECL)) Large capacity: AR-LC1N (AR-287/337/407/507) AR-TE2 (AR-507 (Other than SEC/SECL)) Dual tray output unit: AR-TR1 **AR-407** Stand/500 sheet paper drawer: AR-DE1N (AR-287/337/407) 500-sheet paper drawer: AR-CS1 (AR-287/337/407) AR-507 Stand/500-sheet paper drawer: AR-DE7 (AR-507) 500-sheet paper drawer: AR-CS3 (AR-507) Desk: AR-DD1 Printer board: AR-PB2A • NIC card (10baseT/2) (Provided by local distributors): AR-NC1D NIC card (10 base T/100 base TX): AR-NC3D Printer board (Expansion memory 16MB x2 SIM): AR-SM1 (AR-507) Network scanner kit: AR-NS1 Tandem connection cable AR-CA1 Mounting kit: AR-XB3 (AR-287/337/407) Sharpdesk 5 license kit: AR-U11M/U15M Security ROM: AR-FR1 (AR-287/337) AR-FR2 (AR-407) AR-FR3 (AR-507)

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[2] SPECIFICATIONS (AR-287/337/407/507)

1. Machine type

Product	СРМ	Type		Document	Paper	Mer	nory
Name	OI W	т у	pe	Feeder	Exit	RAM	HD
AR-287	28	Duplex	Desk top	RADF	1 tray	32 MB	4.3 GB
AR-337	33	Duplex	Desk top	RADF	1 tray	32 MB	4.3 GB
AR-407	40	Duplex	Desk top	RADF	1 tray	32 MB	4.3 GB
AR-507	50	Duplex	Desk top	RSPF	1 tray	48 MB	4.3 GB

^{*} Standard's spec

13. Additional functions

A. Main body functions

	1
APS	
AMS	AMS by flow scan with DF is not allowed.
Auto tray switching	
1 scan multi copy	
Rotation copy	
Pre-heat	Conditions are set with the key operation.
Auto shut off	Conditions are set with the key operation.
Message display	
Key operator program	
Communication	E-mail Status/E-mail Alerts
Process control	
Coin vendor	Only the connector is provided on the PWB.

B. Copy function

	AR-287/337	AR-407	AR-507		
1.1	AR-201/331		AR-507		
Job call/ registration		9	T		
Dept. control	Max. 50 de		Max. 500 dept.		
,	(Co	py/Print/Ta	andem)		
Binding margin	Shift width AB series: 10mm, Inch series: 1/2 with adjustment (Binding direction selectable				
	•				
Edge erase	AB series: 10	omm, Inch adjustme	series: 1/2" with ent		
Center erase					
1-set, 2-copy					
Independent zooming	25 to 800% for	_	25 to 400% for		
independent zoonling	vertical/horizontal	ve	ertical/horizontal		
White/black reversion	All surface only (only in the manual mod				
Cover paper	Cover/back of	over/cove	r and back cover		
OHP insert paper	Insert paper copy	Only 1 face-up			
One insent paper	selectable		paper exit is possible		
Centering					
Multi shot (Nin1)					
Repeat copy	Combination with AMS allowed				
Date print	Time setting by the key operation.				
Stamp function					
Middle binding					
Page print					
Confidential print					
Security function	Security ROM is installed. (AR-FR1/FR2/FR3)				
Tandem print (copy/print)	When the tandem connection cable is connected (AR-287 invalid)				
Network scanner	When the scanner expansion kit is installed				
Large quantity document mode	Documents of 120 sheets *1				

^{*1: 60} sheets for sizes greater than A4 with print data

15. Other specifications

Photoconductor kind	OPC drum		
Photoconductor dia.	65 ф		
Process cleaning	Blade		
Exposure lamp	No-electrode	xenon lamp	
Developing system	Dry, 2-compo	nent magnetic brush	
	development		
Charging system	DC negative	scorotron (saw tooth	
	electrode)		
Transfer system	DC positive control		
Separation system	AR-287/337/	AC corotron/DC bias	
	407	separation pawl	
	AR-507	Photo discharge/AC corotron	
		/DC bias separation pawl	
Fusing system	Heat roller		
Fusing cleaning	AR-287/337/	_	
	407		
	AR-507	Yes	

16. Outlook

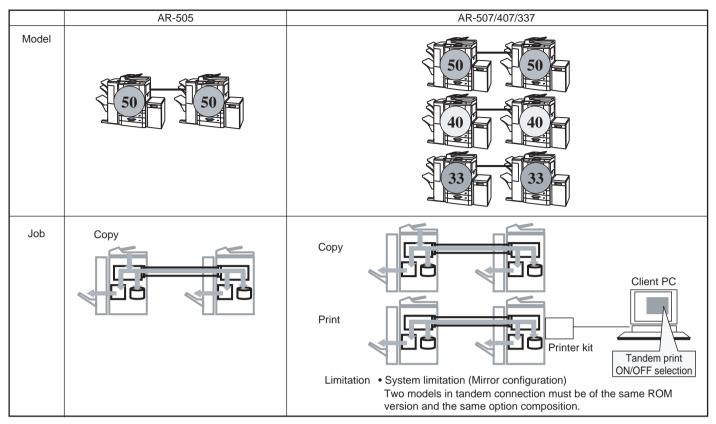
		$W \times D \times H \text{ (mm)}$	Machine occupying dimensions	Weight
	AR-287/337	$600\times695\times750$	1292 × 695	Approx 98 kg
Γ	AR-407	$600\times700\times750$	1292 × 700	Approx 98 kg
	AR-507	$600\times700\times773$	1292 × 700	Approx 102 kg

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21. Tandem function



(Outline)

Enhances the process efficiency of large volume copying.

- Shortens the copying time.
- Allows selection between dispersed process and integrated process.

Models with the tandem function:

AR-505, AR-337, AR-407, AR-507 (Connection between different models is inhibited.)

Number of connections: Max. 2

Installation/connection method:

Serviceman installation/Tandem cable connection (Cable length 4m)

Jobs available:

- Copy only (AR-505)
- Copy output/print output (AR-337, AR-407, AR-507)

Tandem copy operation mode:

Sort/Staple mode (Group cannot be selected.)

Job division system:

1/2 auto division (In case of an odd number, the MAIN side is +1.)

Mutual recovery in case of a trouble:

Not available (After dividing a job, each machine finishes its process.)

Basic operation:

After data transmission from MAIN to SUB, operation is performed independently.

Option composition:

- When only one finisher is installed, the finishing process cannot be selected. (AR-505)
- When there is a difference in the option composition, tandem copy/print is not performed. (AR-337, AR-407, AR-507) *1

ROM version:

• The ROM versions of two machines must be identical.

Relationship between MAIN and SUB:

- Main starts a job. SUB receives the job separated from MAIN. (AR-505)
- In tandem copy, MAIN and SUB are set with a simulation.
 Tandem copy cannot be selected from SUB. (AR-337, AR-407, AR-507)

Tandem copy start conditions:

When the tandem function is set, MAIN goes into the READY state even though SUB is in the following conditions.

-	_
State of SUB	SUB display after starting
Paper empty	Paper supply message
Paper size wrong	Paper check message
Cover open	Cover open message
Jam	Jam map display
Pre-heat	After recovery, MAIN and SUB start together.
Toner empty	Toner supply message

Tandem print start condition:

When tandem print data is received, tandem print is performed even though SUB is in the following conditions.

State of SUB	Operation	Message displayed
Paper empty	Tandem operation	Paper supply message
Paper size wrong	Tandem operation	Paper check message
No suitable paper size	Tandem operation	Paper set message
Pre-heat	Tandem operation	After recovery of SUB, the operation is automatically started.

Availability of tandem copy from each condition:

Tandem operation is performed only when MAIN is in stand-by or during printing and SUB is in stand-by.

Start of tandem copy from each condition:

When MAIN is in stand-by and SUB is copying, printing, or scanning, all copies are outputted from MAIN.

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*1: "Option" means a finisher, an ADU, a paper feed desk, a largecapacity tray, or a paper feed module.

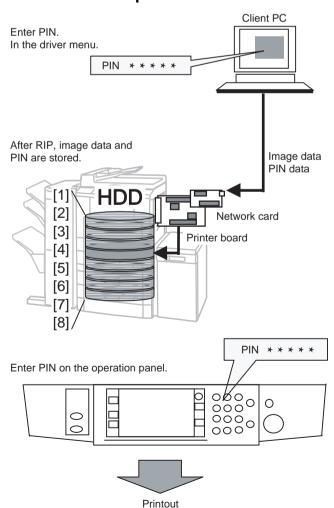
(Operations when there is a difference between the option compositions)

 Tandem copy: The tandem copy key is displayed, but the conditions to execute the tandem function are not satisfied. Code: XX

Code	Tandem operation condition				
00	SCSI communication disable				
Code	Tandem mirror condition				
10	Model code disagreement				
11	ICU-ROM version disagreement				
12	PCU-ROM version disagreement				
13	OPE-ROM version disagreement				
20	After-process unit connection disagreement				
21	Paper exit port connection disagreement				
22	ADU connection disagreement				
23	DESK connection disagreement				
24	LCC connection disagreement				
30	ADU trouble information disagreement				
40	Sim26-6: Destination setup disagreement				
41	Sim26-46: Image output direction setup disagreement				
50	Security mode setup disagreement				
51	Duplex copy inhibition setup disagreement				
52	Staple inhibition setup disagreement				
53	Manual tray select inhibition disagreement when				
	offset tray is selected				

2. Tandem print: All the prints are made by MAIN.

22. Confidential print



(Outline)

To protect confidential documents, print is inhibited unless the user performs the specified operation from the main operation panel after giving a print command from PC.

(1) Accumulated print jobs

Number of jobs	Number of pages of one job (A4, letter)
1	320 pages
2	240 pages
4	120 pages
8	60 pages
16	28 pages

(2) The following operations can be performed during operation of confidential print or during confidential printing.

- Checking all the lists of the accumulated confidential prints.
- Delete of confidential print data (Password entry is required.)
- Cancel of confidential print during printing by means of the "C" key.
 Invalid during recovery from pre-heat.

(3) The following operations cannot be performed during confidential printing.

- Changing the environment setup by means of the environment setup key.
- Command of continuous output in a different size or from a different tray
- For confidential printing, paper selection is allowed only in AUTO selection.
- For confidential printing, paper insertion, booklet, and OHP index paper insertion are inhibited.

(4) Confidential print output operation is allowed or inhibited as follows

Ready:	Allowed
Copy reading:	Inhibited
Copy outputting:	Inhibited
Scanner document scanning:	Inhibited
Scanner data transmission:	Inhibited

Printing: Inhibited (Confidential print allowed

when interrupted in offline.)

Staple printing: Inhibited
Tandem copy reading: Inhibited
Tandem copy outputting: Inhibited
Tandem print outputting: Inhibited

(5) Conditions of password

Number of digits: 5

Characters: Only numeric figures 0 to 9

(6) Process in the case of HDD overflow

- The job is canceled.
- The status monitor makes the error display to PC.
- Notice Page output is performed.

(7) Troubles during printing

When the machine is stopped by paper empty or a paper jam, remove the trouble, and the job will be automatically continued.

(8) Combination with the security function

- When the security function is ON, confidential print is inhibited.
- When confidential data is received, it is automatically canceled.
- The status monitor makes the error display to PC.
- Notice Page output is performed.

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(9) Operations when the printer department management function is set

- When the key operator program (to record the print quantity to each department) is ON, the department management function is valid to confidential print.
- In this case, when an output command is made from the operation panel, entry of the department number is not required.

(10) Combination with tandem print

Combination between tandem print and confidential print is not allowed.

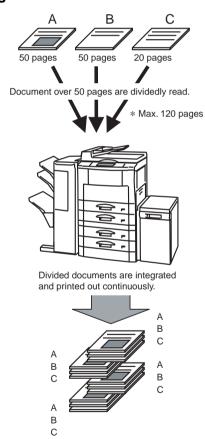
(11) In case of a trouble

When trouble code F9 occurs, the display cannot shift to the confidential menu.

(12) Data storage

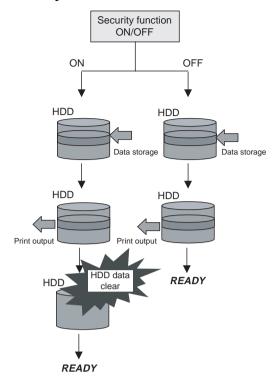
- When an output is completed, data are deleted from the list.
- When the printer power is turned off with the confidential print data remained in the HDD, the confidential print data are deleted completely.
- When the auto power shut off function activates, the confidential print data are deleted completely.

23. Large volume document mode



- A large volume of documents, which cannot be fed by the document feeder at one time, is divided and read and copied. (Max. 120 pages)
- The sequence of reading documents is from the top bundle of documents in the normal sequence for the 1 to N machine, and from the bottom bundle of documents in the reverse sequence for the N to 1 machine.
- When copying is performed in this mode, the copy mode cannot be changed. However, interruption copy is allowed.
- When the large volume mode is set in the SDF mode, the auto feed function of the SDF mode is disabled and the operations are made according to the large volume mode.

24. Security function



(Outline)

In the current model, when the following job is entered after completion of output (copy, print) and before deleting the data in the HDD, the new data is overwritten to the former data.

Therefore, the data can be read by removing the HDD from the machine and the confidentiality is not kept.

Therefore, the data in the HDD is deleted after completion of output.

A. Security mode operation

(1) Process after completion of output

Every time when an output is completed, the data in the HDD is deleted.

During deleting operation, the other operations is disabled.

(2) Addition of HDD data delete function

All document data in the HDD can be deleted by operating the operation panel.

To prevent data from being left in the HDD when the main power is turned off, it is advisable for users who seek a high level of security to perform this operation.

The key operator can perform this operation.

When this key is pressed, all image data in the HDD including confidential print data is deleted.

B. Security mode selection

(1) ON/OFF selection

Initial setup: OFF

Though the security mode is OFF, the "HDD data delete" key is active.

(2) Simulation countermeasures

Simulation allows to select YES/NO of display of the security mode in the key operator program.

Shipment setup: OFF

C. Combination with confidential print

When the security function (the check box of security mode setup) is ON, confidential print is inhibited.

When confidential data is received, it is automatically canceled.

The status monitor makes the error display to PC.

Notice Page output is performed.

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D. Note for job interruption

Though the security function is ON, if the machine is stopped due to the following causes, deletion after completion of output and deletion of HDD data is disabled unless the cause is removed and the job is completed.

If the machine is left, data is remained in the HDD for a long time. Be careful of that.

- Paper empty
- Paper jam
- Toner empty
- Interruption copy

E. Combination with tandem copy

- When the security mode check box is ON, tandem copy cannot be set.
- When the security mode check box is ON, if tandem print data is received, all are printed by MAIN.

F. Deletion of HDD data is not performed in the following cases

During warm-up

If the "HDD data delete" key of the key operator program is pressed during warm-up, the message below is displayed:

"Cannot be performed during warm-up.

Execute after completion of warm-up.'

 When a service call occurs with the security mode ON, the user setup key does not work and the HDD data cannot be deleted.

25. Network Scanning

A. Specifications

Item	Scanner expansion kit
Maximum Document Size	A3/WLT
Original Feeding Speed (PPM)	24PPM: AR-287
	24PPM: AR-337
	27PPM: AR-407
	33PPM: AR-507
	(8.5" x 11 continuous scanning of same page)
Page order of multipage	1 – N
documents	
Optical Resolution	400dpi
Output Resolution	200,300,600dpi
Scaling	_
Output Mode	1bit
Halftoning Process	– Error Diffusion
(Dithering Method)	(200/300/600dpi)
	- TIFF6.0:CCITT
	(G.3/G.4 Single/Multipage
	TIFF Uncompressed TIFF)
	– PDF
	(G.3/G.4)
Duplex	Yes
Destinations	Scan to desktop(FTP)
(Integrations)	→ Desktop distribution scan
	Scan to file server(FTP)
	→ File server storage scan
	Scan to e-mail(SMTP)
	→ E-mail distribution scan
User Interface	LCD Touch Panel
(Control Panel)	(400 × 256 dots)
Client PC	Windows95/98/NT
	Windows2000
Web Browser	 Internet Explorer4.0 or later
	 Netscape Navigator4.0 or later
Embedded Web Server	Yes
	(Embedded)
Network Protocols	TCP/IP
Network protocols	SMTP
(Mail system)	
LAN Connectivity	10Base-T
	100Base-TX
0" + 0 4	
Client Software	Sharpdesk

Item	Scanner expansion kit
e-mail System	SMTPcomplying e-mail system
	For major mail systems, SLA is under
	investigation.
	- MS Exchange
	- Lotus Notes
	 Novell GroupWise
Specify the Sender (Setting	No
"From" field)	
Destination Profile Setting	About 100
(No. of destinations)	
Scan Profile Setting	Changeable by the operation panel of the
	machine.
Subject & Text	Initial setting: 7 languages of the same
(Mail title and text/Scan to	contents
e-Mail)	E-MAIL title
	Title can be entered.

B. Features and functions

(1) Image file distribution

The network scanner system allows to send files of scanned image data to each destination through the network.

- E-mail distribution scan: As attached TIFF or PDF files
- Desktop distributions can
- File server storage scan: Hyper link is simultaneously transmitted by e-mail.

a. E-mail distribution scan

This system scans documents directly for the SMTP e-mail system. The scanned document is treated as an attached MIME file and distributed to the receiver through the e-mail system.

b. Desktop distribution scan

The network scanner sends back documents directly to the user's desktop. At that time, the desktop application, Sharpdesk is automatically started. Use of Sharpdesk allows view and correction of images, attachment of notes, edition, save of documents, and conversion into the PDF type. Furthermore, it allows scanning, printing, transmission functions (e-mail, FAX), binding of documents, and starting of other application by using the user interface. It also allows setup of image correction options.

c. File server storage scan

Use of this system allows direct scanning of documents for FTP servers

This system controls transfer by using the user ID, the password, and the directory information. The user may save the scanned files as one file or plural files in the filer server. The user may also assign an email address to receive the hyperlink.

(2) Image file generation

This network scanner generates images in some industrial standard formats. The file type, the resolution, and the mode can be changed. The following file types are supported.

- TIFF (Non-compressed, or compressed G3/G4 type)
- Image PDF (Compressed G3/G4 type)

C. Additional licenses of Sharpdesk and Network Scanner

The user may purchase additional licenses of Sharpdesk in the following units:

- 1 user
- 5 users

D. Requirements for composition of the network system

To use the network scanner, the following components are or configuration is required.

- AR-287/337/407/507
- Network scanner expansion kit: AR-NS1
- Printer controller: AR-PB2A
- NIC: AR-NC3D
- Memory: (AR-SM1 x 2)

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26. E-mail Status/E-mail Alerts

A. Basic functions

- Event driven type text message transmission by using MIB information of AR-PB2A
- (2) Management information which body has is coded and transmitted in a file type according to the schedule or in the event driven type. In this case, the specified mail software is used to receive and develop the data.

The above functions are available as standard provision only when AR-PB2A and the AR-NC3D are installed. For (2), the software key protect is made.

B. Main body specifications

The body provides event information to the controller.

The file generated by the ICU according to setup can be transmitted as an attached file as information for dealers. When a dealer's mail address is set, a file can be attached only to a mail which is transmitted to the mail address.

To read the attached file, the specified mail software is required. That is, the attached file includes numeral information of each main body and event information in coded state. If the other mail software is used to receive, the display contents on the client side cannot be guaranteed.

C. Print controller specifications

The controllers, AR-PB2A, support the following transmission functions:

- Text mail transmission by event driven setup and schedule driven setup
- Mail transmission with an attached file by event driven setup and schedule driven setup.

However, mail transmission with an attached file stated above is enabled only when the main body complies with generation of information of the attached file. That is, transmission of an attached file can be made only when the AR-PB2A is installed to the AR-287/337/407/507.

For E-mail Status / Alerts without an attached file, as follows:

(1) Additional machine information

Information to identify the machine. The user administrator manually enters this information by using a browser. The information is displayed in the text of the mail.

- * These items of information are kept on the controller side or on the NIC side.
 - Machine name
 - Machine code
 - Installation place

(2) Alert Message

ID	Event	Message	Condition
1	Paper Jam	!!! MISFEED HAS OCCURRED !!!	When paper/document jam has occurred. If a jam is detected when the power is turned ON or reset,
			checking is made again.
2	Toner Low	!!! TONER SUPPLY IS LOW !!!	When toner LOW is detected for the first time. If toner LOW is detected when the power is turned
			ON or reset, checking is made again.
3	Toner Empty	!!! ADD TONER !!!	When toner empty is detected for the first time. If toner empty is detected when the power is turned
			ON or reset, checking is made again.
4	Paper Empty	!!! LOAD PAPER / XXX !!!	When paper empty is detected for the first time. If paper empty is detected when the power is turned
			ON or reset, checking is made again. No information on the number of steps of trays. Manual feed
			is not supported. When a tray empty is detected, information of all the trays that are empty at that
			time is delivered.
5	Service Required	!!! CALL FOR SERVICE !!!	When the machine enters the self-diagnosis mode. If detected when the power is turned ON or
			reset, checking is made again.
6	PM Required	!!! MAINTENANCE REQUIRED !!!	When the maintenance counter or the developer counter reaches the specified count. If detected
			when the power is turned ON or reset, checking is made again.

(3) Status Message

a. Counter information

When schedule driven is set, the total counter, the copy counter, and the printer counter are displayed in a mail address for general. These information items are supplied from the controller MIB. The "total counter" means the "effective paper counter" controlled by the ICU.

b. Timer information

For schedule drive message, the controller controls transmission time by means of the timer of the ICU timer of the machine, and transmits a mail.

Timer setup is made from the Web setup page.

D. Handling of transmission data

In E-mail Alerts and E-mail Status, a transmission task is generated regardless of the job which is under process in the machine. These tasks are processed in the following rules:

- When the machine receives a mail transmission request during a job process (copy scan, copy output, print output, other process) of the machine, it performs transmission process regardless of the job.
- When the machine receives a mail transmission request under other situation, if the job is triggered during transmission process, the job is started.
- When the machine receives a mail transmission request during the simulation mode, the request is accepted and transmission process is started.
- When the machine receives a mail transmission request during the key operator program, it is accepted and transmission process is started
- When the controller sends two or more requests during a job, only the last request is accepted.

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[3] CONSUMABLE PARTS (AR-287/337/407)

1. Consumable Parts List

A. USA

AR-287/337

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
5	Lower Heat Roller Kit	Lower Heat Roller Fusing Separation Pawl (lower)	×1 ×2	160K		Replacement of fusing separation pawl for every 90 K should be done using those supplied separately.
12	Lower Heat Roller	Lower Heat Roller	×1	160K	AR-505HR	

AR-407

	No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
	5	Lower Heat Roller Kit	Lower Heat Roller Fusing Separation Pawl (lower)	×1 ×2	180K		Replacement of fusing separation pawl for every 90 K should be done using those supplied separately.
ſ	12	Lower Heat Roller	Lower Heat Roller	×1	180K	AR-505HR	

B. Canada

AR-287/337

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	160K PM Kit	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	160K	AR-337KB	
12	Lower Heat Roller	Lower Heat Roller ×1	160K	AR-505HR	

AR-407

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	180K PM Kit	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	180K	AR-337KB	
12	Lower Heat Roller	Lower Heat Roller ×1	180K	AR-505HR	

C. Europe / U.K. / Australia / New Zealand

AR-287/337

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	160K PM Kit	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	160K	AR-337KB	
12	Lower Heat Roller	Lower Heat Roller ×1	160K	AR-505HR	

AR-407

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	180K PM Kit	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	180K	AR-407KB	
12	Lower Heat Roller	Lower Heat Roller ×1	180K	AR-505HR	

D. Asia / Middle & South America

AR-287/337

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	160K PM Kit	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	160K	AR-337KB	
12	Lower Heat Roller	Lower Heat Roller ×1	160K	AR-505HR	

AR-407

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	180K PM Kit (200V)	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	180K	AR-407KB	
12	Lower Heat Roller	Lower Heat Roller ×1	180K	AR-505HR	

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E. Middle East / Africa

AR-287/337

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	160K PM Kit	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	160K	AR-337KB	
12	Lower Heat Roller	Lower Heat Roller ×1	160K	AR-505HR	

AR-407

No.	ITEM	CONTENTS	LIFE	MODEL NAME	REMARKS
5	180K PM Kit	Upper Heat Roller ×1 Lower Heat Roller ×1 Toner Receiving Seal ×1 DV Seal ×1 Heat Roller Gear ×1	180K	AR-407KB	
12	Lower Heat Roller	Lower Heat Roller ×1	180K	AR-505HR	

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[7] SIMULATION (AR-287/337/AR-407/507)

B. List

Code		
Main	Sub	Function (Purpose)
8	1	Used to check and adjust the operation of the developing bias voltage in each print mode and the control circuit. (for OPC drum type B)
	2	Used to check and adjust the operation of the main charger
		grid voltage in each print mode and the control circuit. (for OPC drum type B)
	6	Used to check and adjust the transfer charger current and the control circuit.
	7	Used to check and adjust the operation of the separation
22	1	charger voltage and its control circuit. Used to check the print out count of each section in each
		operation mode. (Used to check the maintenance timing.)
	6	Used to output the list of the setting and adjustment data
26	10	(simulations, counters). Used to allow entry of the software key input for the network
		scanner.
	12 13	Used to enter the Diagnosis function key input.
	13	After completion of copier job in copier interruption during a printer job, the print job is resumed in synchronization with the auto clear timer (key operation) setup time [10-240]. By
		making the setup below, the print job is resumed in 0 sec. (However, the auto clear function is enabled with the setup
		time of key operation. Also, this simulation and auto clear are not synchronized.)
	22	Used to set the specification (language display) for the
		destination. (Excluding the Japan models.)
	32	When the variable speed fan motor is in the ready state and
		the process temperature is in the range of 36° – 45°, the
		PWM duty is set in percentage.
	44	Used to set the model of the unit which is connected to the SCSI I/F of ICU PWB.
	52	Used to set whether white paper discharge count up is performed or not.
		("White paper" means insertion paper in the OHP insertion
		paper mode (without copy), cover paper in the cover paper
		insertion mode (without copy)/back cover, and white paper in the duplex exit mode (CA etc.).)
50	1	Used to adjust the copy image position and the void area
		(image loss) on the print paper in the copy mode. (The same
		adjustment can be made with SIM 50-2 (simple method).)
	2	Used to adjust the copy image position and the void area
		(image loss) on the print paper in the copy mode. (Simple
		adjustment) (This simulation allows the same simulation with SIM 50-1
		more simply.)
	26	Used to set the folding margin of center binding.
51	3	Used to set the clutch OFF time. (AR-507 Europe and U.K.
61	2	only) Used to adjust the scanner (exposure) laser power (absolute
"		value) in the copy mode.
	4	Used to adjust the scanner (exposure) laser power (absolute
	40	value) in the printer mode. (For Photoconductor type B)
67	18	Used to clear the application data area of the Network Scanner of the Flash ROM.

C. Details of simulations

cleaning) section

8

Purpose Adjustment/Operation test/check

Function (Purpose)

Graph Section Section Adjustment/Operation test/check

Used to check the operation of the developing bias voltage in each print mode and its control circuit. (For OPC drum type B)

Section Process (OPC drum, developing unit, transfer,

Operation/ Procedure

(The developing bias output voltage of each print mode can be adjusted and checked.)

- 1. Select the print mode with $\uparrow \uparrow$ key and $\downarrow \downarrow \uparrow$ key.
- 2. Enter the adjustment value with the 10-key pad.
- 3. Press the [EXECUTE] key.

The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is supplied.

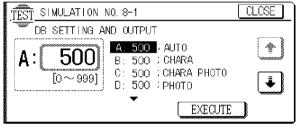
After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

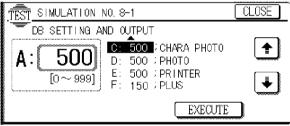
If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display.

AUTO : Auto mode * (500) (-500V ±5V) * (500) (-500V ±5V) **CHARA** : Character mode CHARA PHOTO: Character/Photo mode * (500) (-500V ±5V) * (500) (-500V ±5V) PHOTO : Photo mode **PRINTER** : Printer mode * (500) (-500V ±5V) **PLUS** : Cleaning mode * (150) (+150V ±5V) Developing bias voltage

* (): Default

(AR-287/337/407)

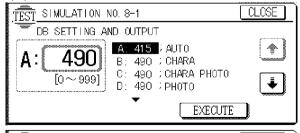


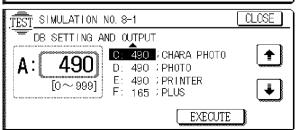


(AR-507)

AUTO : Auto mode * (415) (-425V ±5V) CHARA : Character mode * (490) (-500V ±5V) CHARA PHOTO : Character/Photo mode * (490) (-500V ±5V) : Photo mode PHOTO (490) (-500V ±5V) * (490) (-500V ±5V) **PRINTER** : Printer mode **PLUS** : Cleaning mode * (165) (+150V ±5V) Developing bias voltage

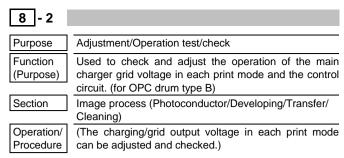
* (): Default





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- 1. Select the print mode with [↑] key and [↓]key.
- 2. Enter the adjustment value with the 10-key pad.
- 3. Press the [EXECUTE] key.

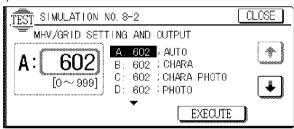
The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is supplied.

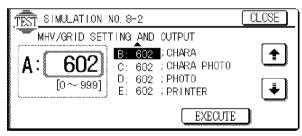
After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display.

(AR-287/337/407)

* (): Default





(AR-507)

 AUTO
 : Auto mode
 * (560) (-570 \pm 5V)

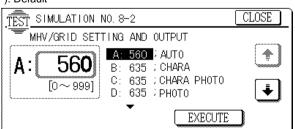
 CHARA
 : Character mode
 * (635) (-645 \pm 5V)

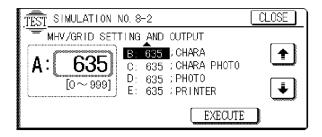
 CHARA PHOTO
 : Character/Photo mode
 * (635) (-645 \pm 5V)

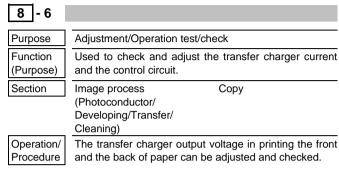
 PHOTO
 : Photo mode
 * (635) (-645 \pm 5V)

 PRINTER
 : Printer mode
 * (635) (-645 \pm 5V)

* (): Default







- 1. Select the print mode with $\uparrow \uparrow$ key and $\downarrow \downarrow$ key.
- 2. Enter the adjustment value with the 10-key pad.
- 3. Press the [EXECUTE] key.

The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is supplied.

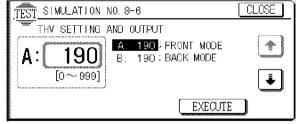
After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display.

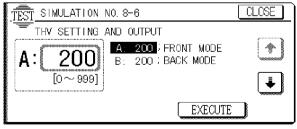
FROMT MODE: Front surface print (with the paper feed tray and manual paper feed tray)

BACK MODE: Back surface print (with duplex paper feed)

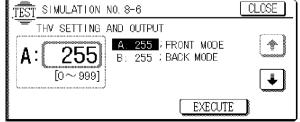
(AR-287/337)



(AR-407)



(AR-507)



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8 - 7 Purpose Adjustment/Operation test/check Function Used to check and adjust the operation of the separa-(Purpose) tion charger voltage and its control circuit. Section Others Image process (Photoconductor/ Developing/Transfer/ Cleaning) Operation/ The separation charger output voltage in printing the Procedure front and the back of paper can be adjusted and

- 1. Select the print mode with $\uparrow \uparrow$ key and $\downarrow \downarrow$ key.
- 2. Enter the adjustment value with the 10-key pad.
- 3. Press the [EXECUTE] kev.

checked

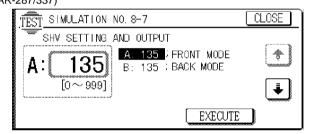
The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is

After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

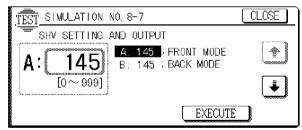
If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display.

FROMT MODE: Front surface print (with the paper feed tray and manual paper feed tray)

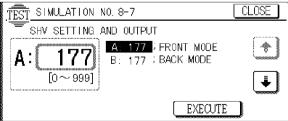
BACK MODE: Back surface print (with duplex paper feed) (AR-287/337)

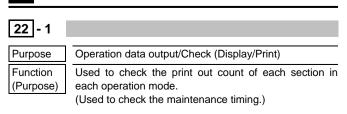


(AR-407)



(AR-507)

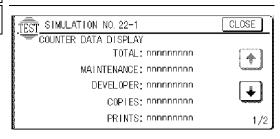




Counter

Operation/ Procedure

Item



nnnnnnn : Counter value

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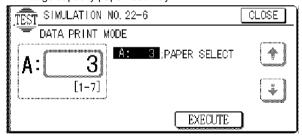
Purpose Operation data output/Check (Display/Print) Used to output the list of the setting and adjustment **Function** (Purpose) data (simulations, counters). Item Data Adjust/Setting data When installing or servicing, execute this simulation to Operation/ Procedure print and store the adjustment values and setting data for use in the next servicing. (Memory trouble, PWB re-

In this case, the print conditions can be set optionally.

- 1. Select the setup item.
 - (The selected item is highlighted.)

placement, etc.)

- 2. Set the item and conditions with the 10-key pad.
- 3. Press the [EXECUTE] key to print various data.
 - A: Paper feed mode
 - 1: Manual paper feed
 - 2: Upper paper feed tray
 - 3: Lower paper feed tray
 - 4: Desk upper paper feed tray
 - 5: Desk middle paper feed tray
 - 6: Desk lower paper feed tray
 - 7: Large capacity paper feed tray



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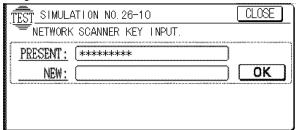


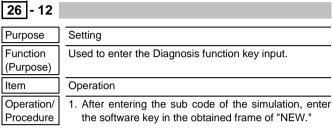
Purpose Setting **Function** Used to allow entry of the software key input for the (Purpose) network scanner. Item Operation 1. After entering the sub code of the simulation, enter Operation/ Procedure the software key in the obtained frame of "NEW."

- 2. When the obtained number is entered with the 10-key (max. 9 dig-
- its), the entered number is displayed in the frame of "NEW." After entering the number, press the [OK] key, and the entered number is stored.
- 3. Reset with the CA key, and the scanner function is enabled.
 - * Only when SCSI (20 channels/NS1) setup is completed. If the scanner key input is made without setup, it is rejected.
- Special note

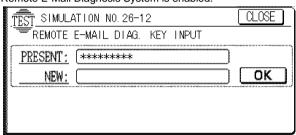


When the SCSI channel is set to "20." if a software key which does not correspond to the setup is entered, the setup of "20" is changed to "1."





- 2. When the obtained number is entered with the 10-key (max. 9 digits), the entered number is displayed in the frame of "NEW." After entering the number, press the [OK] key, and the entered number is stored.
- 3. The Alert/Status E-Mail send function with attached data of the Remote E-Mail Diagnosis System is enabled.



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Purpose

Setting

Operation

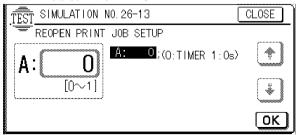
Function (Purpose) After completion of copier job in copier interruption during a printer job, the print job is resumed in synchronization with the auto clear timer (key operation) setup time [10-240]. By making the setup below, the print job is resumed in 0 sec. (However, the auto clear function is enabled with the setup time of key operation. Also, this simulation and auto clear are not synchronized.)

Item

Operation/ Procedure

When this simulation is executed, the current set value is displayed. At that time, the set value can be changed with the 10-key.

When the [OK] key is pressed, the current set value is stored in the EEPROM.



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Purpose

Function (Purpose)

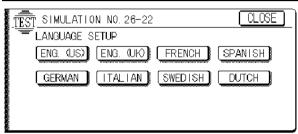
Used to set the specification (language display) for the destination. (Excluding the Japan models.)

Item

Specifications

Operation/ Procedure Select the language to be used according to the table below.

Display	Language
ENG.(US)	English(US)
ENG.(UK)	English(UK)
FRENCH	French
SPANISH	Spanish
GERMAN	German
ITALIAN	Italian
SWEDISH	Swedish
DUTCH	Dutch



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Purpose

Setting

Function (Purpose) When the variable speed fan motor is in the ready state and the process temperature is in the range of 36° -45°, the PWM duty is set in percentage.

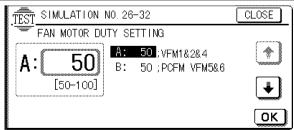
Item

Operation

Operation/ Procedure When this simulation is executed, the current set value is displayed. At that time, select the fan motor with [1] key and $[\downarrow]$ key. Then the set value can be changed with the 10-key.

When $[\uparrow]$ key or $[\downarrow]$ key is pressed, the current set value is stored in the EEPROM.

VFM1&2&4 Adjustment range of 50 - 100% in 1% increment PCFM VFM5&6 Adjustment range of 50 - 100% in 1% increment



26 - 44

Purpose **Function** (Purpose)

Setting

Used to set the model of the unit which is connected to the SCSI I/F of ICU PWB.

ICU Section

Item

Interface/Communication **Specifications** A is at the left of B when viewed from the rear side.

Operation/ Procedure

- 0: No connection
- 1: Printer controller
- External printer controller

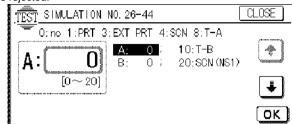
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- 4: AXIS controller
- 8: Tandem connection (Initiator)
- 10: Tandem connection (Target)
- 20: Network scanner controller (NS1)

Either of the above values is set.

* AR-287 is not provided with the tandem setting.

However, the display is not changed. When tandem setup is tried, it is rejected.



26 - 52

Purpose

Setting

Function (Purpose)

Used to set whether white paper discharge count up is performed or not.

("White paper" means insertion paper in the OHP insertion paper mode (without copy), cover paper in the cover paper insertion mode (without copy)/back cover, and white paper in the duplex exit mode (CA etc.).)

Item

Operation

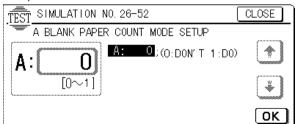
Operation/ Procedure When this simulation is executed, the current set value is displayed.

Under this state, the set value can be changed with the 10-key. When the OK key is pressed, the currently set value is stored in the EEPROM.

	Set value	Content
Α	0	White paper count up is not performed.
	1	White paper count up is performed.
De	etination	Default
De	estination	Default
	estination /Australia	Default 0 (Count up is not performed.)

When set to 0 (count up is nor performed), the following counters do not count up.

- COPIES counter
- Total counter
- Maintenance counter
- Developer counter
- Department management counter
- The signal (PNC) for the external auditor (mechanism counter) is not outputted.



50

50 - 1

Purpose

Adjustment

Function (Purpose)

Used to adjust the copy image position and the void area (image loss) on the print paper in the copy mode. (The same adjustment can be made with SIM 50-2 (simple method).)

Item

Picture quality

Image position

Operation/ Procedure

is set.)

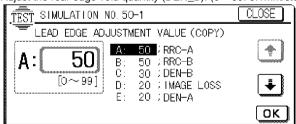
- Select the adjustment item with [↑], [↓] keys.
 Enter the adjustment value with the 10-key.
- Press the [OK] key. (The adjustment value entered in procedure 2.)

Descriptions on adjustment items

- A. Document scan start position adjustment value (RRC-A)
 Used to adjust the timing of outputting the image lead edge signal (SCAN signal) after starting document scanning. (0 99: Reference value 50)
- B. Resist roller clutch OFF timing adjustment value (RRC-B) Used to adjust the timing of turning ON the resist roller after reception of the resist signal (LD_START). (0 – 99: Reference value 50)
- C. Rear edge void quantity adjustment value (DEN-B)
 Used to set the void quantity on the rear edge. (0- 99: Reference value 30)
- D. Image loss quantity set value (IMAGE LOSS)
 Used to set the image loss quantity. (0 99: reference value 20)
- E. Lead edge void quantity set value (DEN-A)
 Used to set the void quantity on the document lead edge. (0 99: Reference value 20)

Adjustment procedure

- Set the image loss quantity (IMAGE LOSS) and the paper lead edge void quantity (DEN-A) to desired values. (0 – 99: 0.1mm/step)
- Adjust the document scan start position (RRC_A) so that the image loss quantity of an actual copy image becomes the set value of procedure 1. (0 99: 0.29mm/step)
- Adjust the resist roller clutch ON timing (RRC_B) so that the lead edge void quantity of an actual copy image becomes the set value of procedure 1. (0 – 99: 0.24mm/step)
- 4. Adjust the rear edge void quantity (DEN_B). (0 99: 0.1mm/step)



50 - 2

Adjustment

Purpose Function (Purpose)

Used to adjust the copy image position and the void area (image loss) on the print paper in the copy mode.

(Simple adjustment) (This simulation allows the same simulation with SIM 50-1 more simply.)

Operation

Picture quality Image position

Operation/ Procedure

lead edge of 400% copy.

- Select the adjustment item with [↑], [↓] keys.
 Enter the adjustment value with the 10-key.
- Press the [OK] key. (The value entered in procedure 2 is set.)Used to adjust the lead edge by entering the lead edge shift on each

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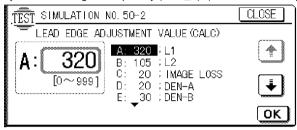


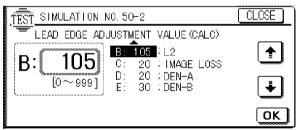
Descriptions on adjustment items

- A. Distance from the image lead edge to 10mm of the scale (Platen 400%) (L1)
- B. Distance from the paper lead edge to the image lead edge (L2)
- C. IMAGE LOSS
- D. DEN-A
- E. DEN-B

Adjustment procedures

- Set the image loss quantity (IMAGE LOSS) and the paper lead edge void quantity (DEN-A) to desired values. (0 – 99: 0.1mm/step)
- 2. Set L1/L2 to 0.
- 3. Make a 400% copy with OC, and enter the shift quantity to L1/L2. (0 999: 0.1mm/step)
- Repeat procedure 3 so that the paper lead edge void quantity of the actual copy image becomes the set value of procedure 1.
- 5. Adjust the rear edge void quantity (DEN_B). (0 99: 0.1mm/step)





50 - 26

Function (Purpose)

Used to set the folding margin of center binding.

Operation/ Procedure When this simulation is executed, the current set value is displayed.

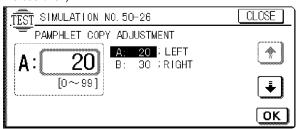
Under this state, the set value can be changed with the 10-key.

When the OK key is pressed, the currently set value is stored in the EEPROM.

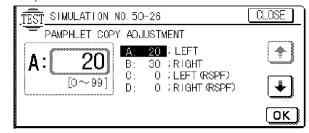
(1 step: 0.1mm)

Item	Content	Range	Default
Α	Clear quantity of the folding section of center binding left image (when the OC is used)	0 ~ 99	20
В	Clear quantity of the folding section of center binding right image (when the OC is used)	0 ~ 99	30
С	Clear quantity of the folding section of center binding left image (when the RSPF is used)	0 ~ 99	0
D	Clear quantity of the folding section of center binding right image (when the RSPF is used)	0 ~ 99	0

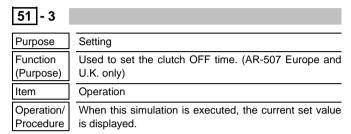
(AR-287/337/407)



(AR-507)



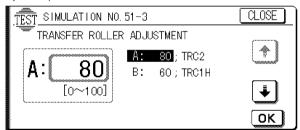
51



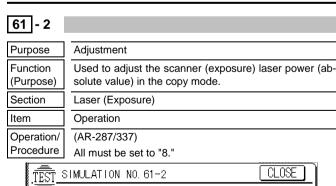
At that time, the set value can be changed with $[\uparrow]$ key and $[\downarrow]$ key. When $[\uparrow]$, $[\downarrow]$, and [OK] keys are pressed, the current set value is stored in the EEPROM.

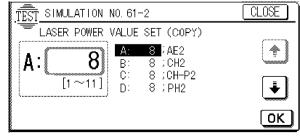
	Destination	Default
TRC2	Europe	80
TROZ	U.K.	80
TRC1H	Europe	60
INCIII	U.K.	60

(Europe/U.K.)



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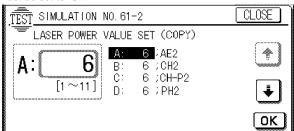




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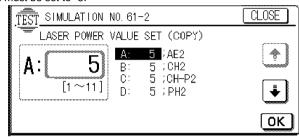
(AR-407)

All must be set to "6".



(AR-507)

All must be set to "5."



61 - 4

Purpose Adjustment

Function (Purpose)

Section Laser (Exposure)

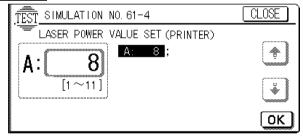
Item Operation/
Procedure

Adjustment (exposure) laser power (absolute value) in the printer mode. (For Photoconductor type B)

Laser (Exposure)

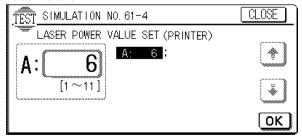
(AR-287/337)

Set default value 8.



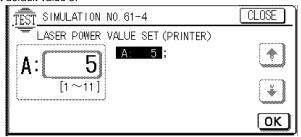
(AR-407)

Set default value 6.

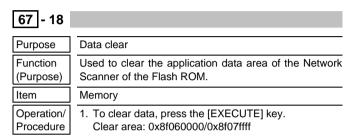


(AR-507)

Set default value 5.



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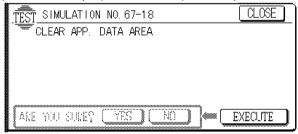


The confirmation menu is displayed to confirm whether the AR-NS1 area data in the Flash ROM are cleared or not.

[YES] key: Clear [NO] key: Not clear

- During clearing data, "NOW DOING . . ." is displayed. [No key entry is accepted during clearing.]
- After normal completion, "END" is outputted. In case of any trouble, "NG" is outputted.

[When the CA key is pressed, reset is performed.]





[9] TROUBLE CODE LIST (AR-287/337/407/507)

1. Trouble code

Trouble code		Content of trouble	Remark	Trouble detection
CE	00	The other communication error has occurred.		Network
	01 The print server card (AR-NC3D) is not installed or defective.			Network
	02	02 The specified mail server or the FTP server is not found.		Network
	 The specified server does not correspond during image transmission. The entered account name of the FTP server or the password is invalid. 			Network
				Network
	05	The entered directory of the FTP server is invalid.		Network

2. Self diagnostics

Troubl	e code		
MAIN	SUB		Description
CE	00	Content	The other communication error has occurred.
		Detail	Communication error
		Cause	Network Cable connection failure
		Check and remedy	1) Check that the Network Cable is properly inserted.
	01	Content	The print server card (AR-NC3D) is not installed or defective.
		Detail	NC3D connection failure
		Cause	NC-3D is not installed to the AR-PB2A board. NC-3D control PWB trouble
		Check and remedy	 1) Check that the NC-3D is installed to the AR-PB2A board. 2) Output the NIC Config. Page to check the NIC version. 3) Replace the NIC.
	02	Content	The specified mail server or the FTP server is not found.
		Detail	The specified mail server or the FTP server is not found.
		Cause	Network Cable connection failure Network setup failure SMTP server/FTP server/NST trouble
		Check and remedy	1) Check that the Network Cable is inserted properly. 2) Check that the connected network supports TCP/IP protocol. 3) Check from the Web Page that the Primary/Secondary E-mail Server Address or the Destination FTP server/Desktop PC address are properly set. 4) If the above address is described with Hostname, check that the DNS server is properly set. 5) Check that the SMTP server/FTP server/NST causes a trouble or not.
	03	Content	The specified server does not correspond during image transmission.
		Detail	The specified server does not correspond during image transmission.
		Cause	Network Cable connection failure SMTP server/FTP server/NST trouble
		Check and remedy	Check that the Network Cable is inserted properly. Check that the SMTP server/FTP server/NST causes a trouble or not.
	04	Content	The entered account name of the FTP server or the password is invalid.
		Detail	The entered account name of the FTP server or the password is invalid.
		Cause	Network Cable connection failure The account name of the FTP server recorded as the destination or the password for the account name is erroneous.
		Check and remedy	 Check that the Network Cable is inserted properly. Check that the account name of the FTP server recorded as the destination and the password for the account name are proper.
	05	Content	The entered directory of the FTP server is invalid.
		Detail	The entered directory of the FTP server is invalid.
		Cause	Network Cable connection failure Check that the directory name exists in the FTP server recorded as the destination.
		Check and remedy	Check that the Network Cable is inserted properly. Check that the directory name exists in the FTP server recorded as the destination.

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CAUTION FOR BATTERY REPLACEMENT -

(Danish) ADVARSEL!

Lithiumbatteri – Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type.

Levér det brugte batteri tilbage til leverandoren.

(English) Caution!

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.

Dispose of used batteries according to manufacturer's instructions.

Finnish) VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

(French) ATTENTION

Il y a danger d'explosion s' il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.

Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

(Swedish) VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent
typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens
instruktion.

(German) Achtung

Explosionsgefahr bei Verwendung inkorrekter Batterien.
Als Ersatzbatterien dürfen nur Batterien vom gleichen Typ oder vom Hersteller empfohlene Batterien verwendet werden.
Entsorgung der gebrauchten Batterien nur nach den vom Hersteller angegebenen Anweisungen.





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SHARP

SERVICE MANUAL



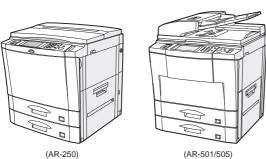




CODE: 00ZAR505//A1E

Digital Copier

AR-250 AR-280/281 AR-285/286 AR-335/336 **AR-405** MODEL AR-501/505



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Parts marked with "A" is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

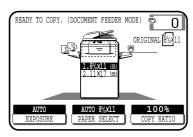


[1] GENERAL

1. Features of copying functions

A. Touch panel

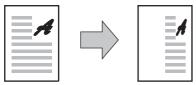
The touch panel with the back-lighted LCD simplifies various operations. It also shows operation descriptions and paper jam treatment.



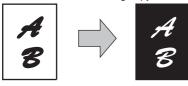
B. Various functions of digital system

Different from the conventional analog copiers, this machine employs the digital system where the image data of a document scanned by the CCD sensor (which converts photo signals into electrical signals) are converted into digital signals. This digital system allows the independent zooming copy, black-white reversing copy, and centering copy.

Independent zooming copy



Black-white reversing copy



Centering copy

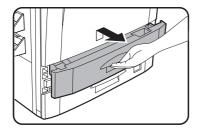






C. Front loading paper tray

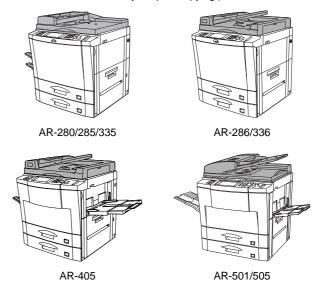
The paper trays including the two-step paper feed desk employ a front loading system to facilitate paper loading.



D. Automatic document feeder as standard provision

Without opening the document table cover, documents can be automatically fed and copied.

The automatic document feeder provided in the AR-280/285/286/335/336/405/501/505 allows automatic reversion of documents for duplex copying as well as simplex copying. (The automatic document feeder of the AR-280/281 allows only simplex copying.)



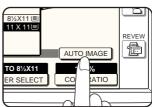
E. Step zooming

The zooming function allows selection of the magnification ratio as follows.

1001101			
	Magnification ratio	Increment	Steps
AR-280/281	25% to 200%	1%	176
AR-250/285/286/335/336	25% to 800%	1%	776
AR-405/501/505	25% to 400%	1%	376

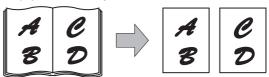
F. Paper/magnification ratio auto selection

When the desired magnification ratio is specified, the suitable paper size is automatically selected by the original size detection function. If the copy paper size is specified, then the suitable magnification ratio is automatically selected.



G. 1-set 2-copy

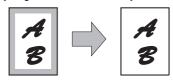
The right and the left pages of a book, etc. can be copied onto two sheets of paper continuously.



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H. Edge erase copying

Shade at the copy edge can be automatically erased.



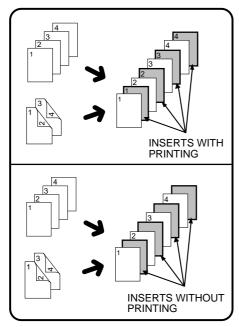
I. Binding margin copying

Copying with binding margin can be made.



J. Transparency film with insert sheets

When copying onto transparency film, insert sheets can be placed following each transparent sheet. The insert sheets can be processed blank or can be copied with the same image as the transparent sheets.

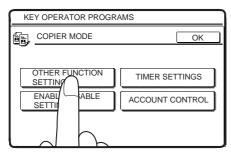


K. Copy conditions registration/recall

Nine sets of complicated copying procedures can be stored and recalled when necessary.

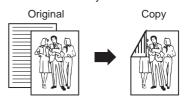
L. Key operator program

The key operator program is used by the key operator to set and cancel the customer functions.



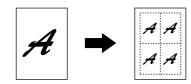
M. Auto duplex copy (AR-250/280/281 requires the option)

Duplex copy is made automatically.



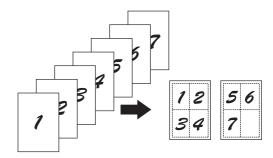
N. REPEAT COPY

The REPEAT COPY is used to produce repeated images from an original on to a single sheet of paper. Border lines can be drawn to separate repeated images.



O. MULTI SHOT

The MULTI SHOT function is used to copy several originals, collectively in a specified order, onto one sheet.



P. Hi-Fi copy (AR-280/285/335 only)

This function produces high image quality copies.

Q. DATE SIGN

The DATE SIGN function adds the current date to the copies. The date will be printed at the upper right of the copies.

R. WATERMARK

The WATERMARK function adds a selected watermark such as "CONFIDENTIAL" and "URGENT" to the copies. The watermark will be printed in gray tone at the center of copies.

S. SELECT STAMP

The SELECT STAMP function adds a selected string such as "CON-FIDENTIAL" and "URGENT" to the copies. The string will be printed in white on a shaded background.

T. PAGE NUMBER

The PAGE NUMBER function adds page numbers to the copies.

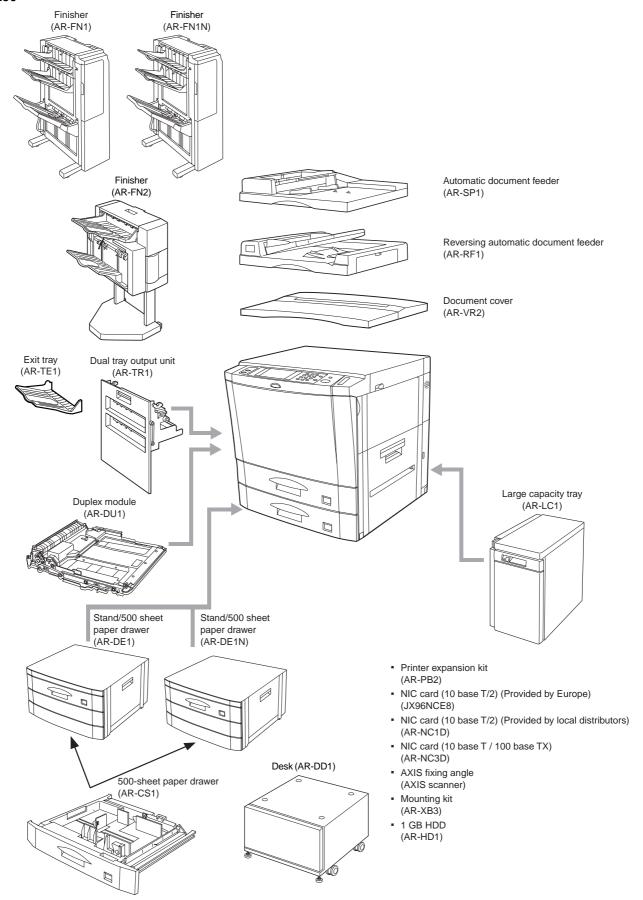


2. System outline (Options)

						Copie	r model				
Name	Model	AR-250	AR-280	AR-281	AR-285	AR-286	AR-335	AR-336	AR-405	AR-501	AR-505
Automatic document feeder	AR-SP1	0	Standard	Standard	_	_	_	_	_	_	_
	RSPF	_	_	_		_	_	_	_	Standard	Standard
Reversing automatic document feeder	AR-RF1	О	_	_	О	О	Standard	Standard	_	_	_
	AR-RF2	_	_	_	_	_	_	_	Standard	_	_
Stand/500 sheet paper drawer	AR-DE1	О	О	О	О	О	О	О	_	_	_
	AR-DE1N	О	0	0	О	О	О	О	О	_	_
	AR-DE7	_	_	_	1	_	_	_	1	0	0
Large capacity tray	AR-LC1	0	О	О	0	О	О	О	0	_	_
	AR-LC1N	_	0	0	О	О	О	О	О	О	_
500-sheet paper drawer	AR-CS1	О	0	0	О	О	0	О	О	_	_
	AR-CS3	_	_	_	_	_	_	_	_	О	О
Desk	AR-DD1	О	0	0	О	О	0	О		0	0
	AR-DD1N	_	_	_	_	_	_	_	_	_	_
2-tray paper exit unit	AR-DU1	0	0	0		О	_	О		_	_
Exit tray	AR-TE1	0	_	О	0	О	О	O	_	0	0
	AR-TE2	_	_	_		_	_	_	-	0	0
Dual tray output unit	AR-TR1	0	_	О	_	О	_	О	0	_	_
Finisher	AR-FN1	0	О	0	0	О	О	О		_	_
	AR-FN1N	0	О	О	0	О	О	О	0	_	_
	AR-FN2	0	О	0	0	О	О	О	0	_	_
	AR-FN3	_	_	_	_	_	_	_		О	0
Printer board	AR-PB2	0	0	0	0	О	О	О	0	_	0
	AR-SM1	_	_	_		_	_	_		_	0
NIC card (10 base T/2)	JX96NCE8	0	0	0	0	О	0	О	0	_	0
	AR-NC1D	0	0	0	0	О	О	О		_	0
NIC card (10 base T/100 base TX)	AR-NC3D	0	0	0	0	О	0	О	0	_	0
	AR-NC4D	_	_	_	1	_	_		-	_	_
AXIS fixing angle	(AXIS scanner)	0	_	0	_	0	_	О	О	_	0
1GB-HDD	AR-HD1	0	_	_	_	_	_	_	_	_	_
Mounting kit	AR-XB3	_	_	0	_	0	_	0	0	_	_
Document cover	AR-VR2	0	_	_	_	_	_	_	_	_	_
Tandem connection cable	AR-CA1	_	_	_	_	_	_	_	_	_	0

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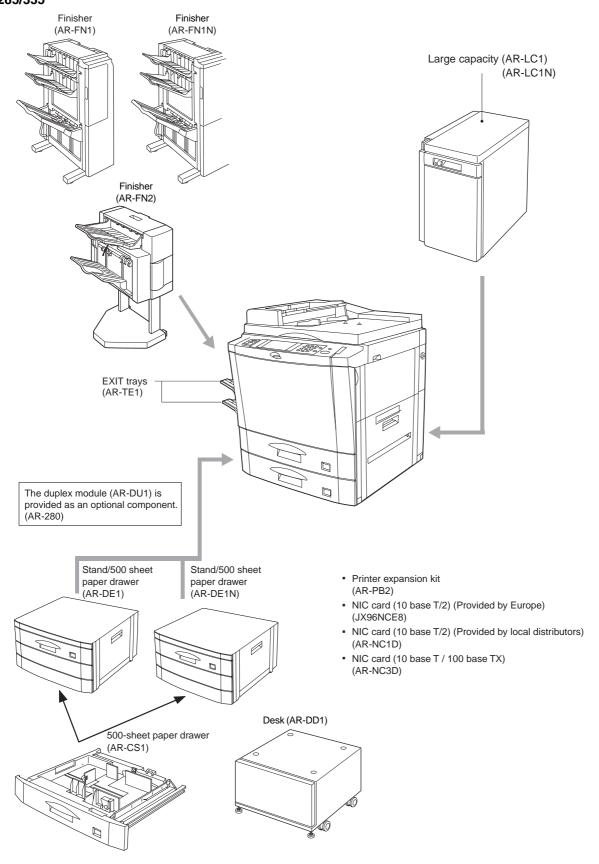
AR-250



1 - 4

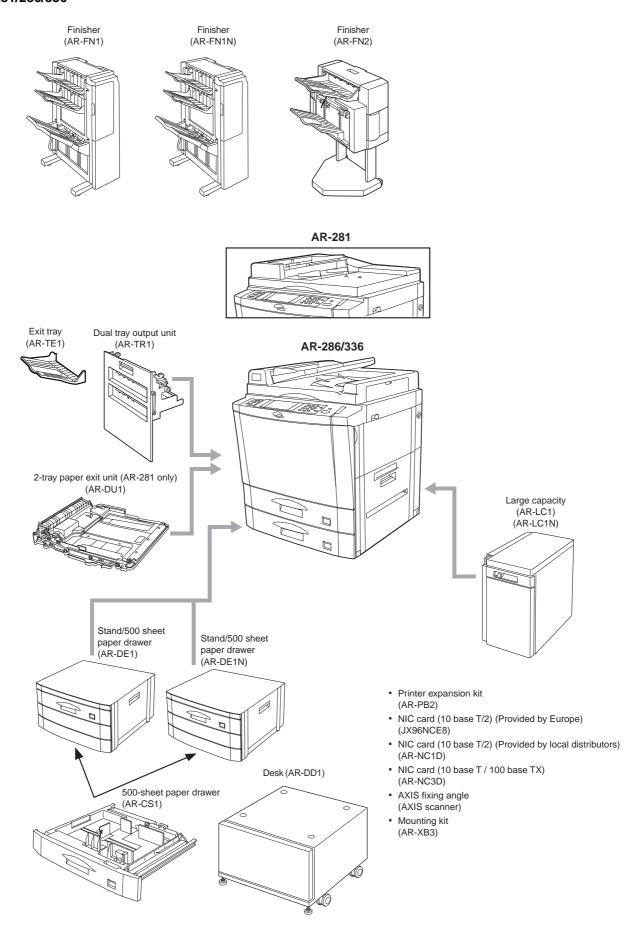
8/6/1999

AR-280/285/335



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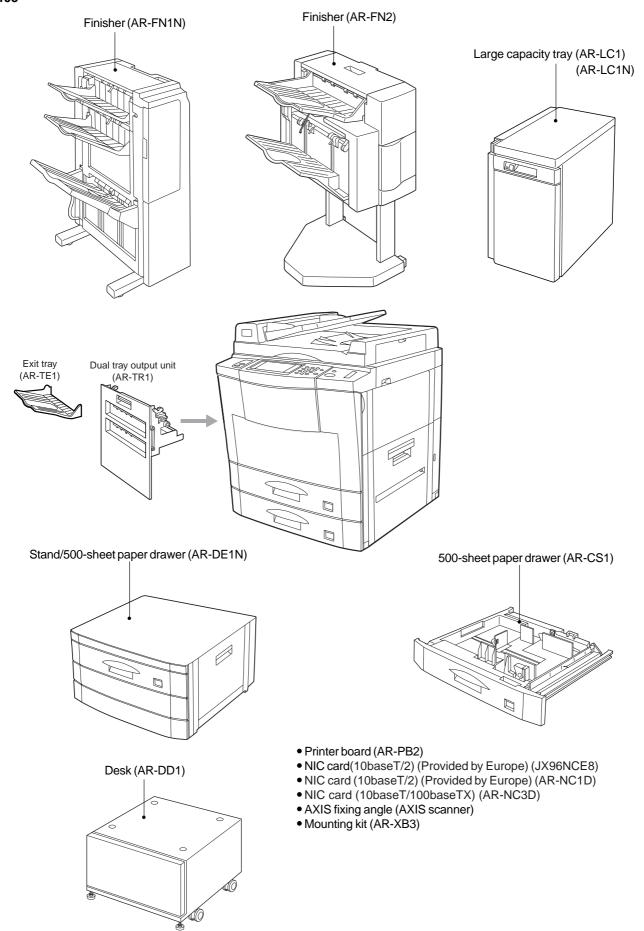
AR-281/286/336



1 - 6

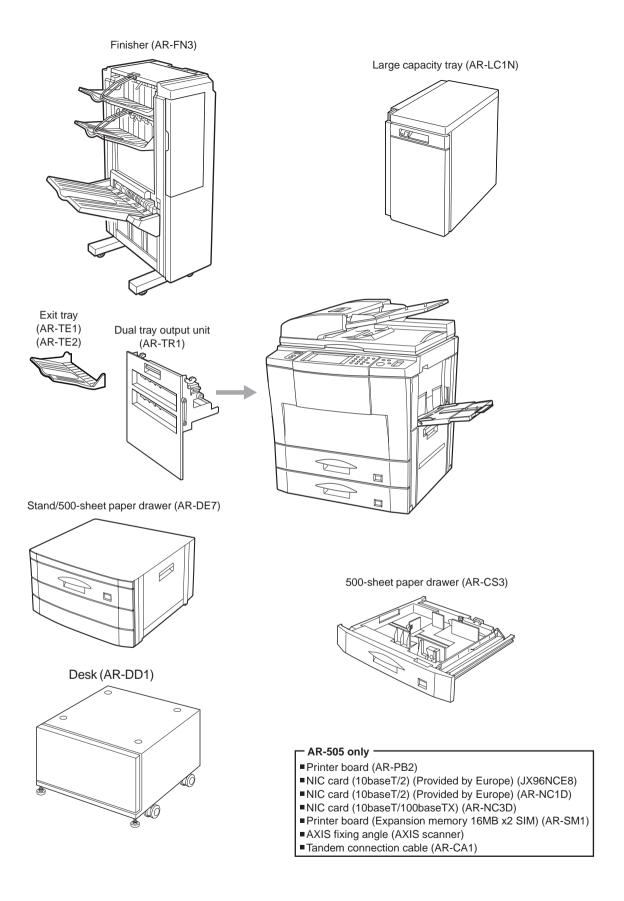
8/6/1999

AR-405



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AR-501/505



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3. Installation requirements

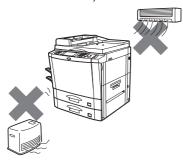
To ensure safety and proper machine performance, please note the following before initial installation and whenever the machine is to be relocated.

- The copier should be installed near an accessible power outlet for easy connection.
- 2) Be sure to connect the power cord only to a power outlet that meets the specified voltage and current requirements.

Also make certain the outlet is properly grounded.



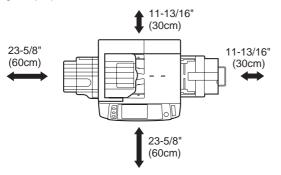
- 3) Do not install the machine where it is:
 - damp or humid,
 - · exposed to direct sunlight,
 - extremely dusty,
 - poorly ventilated,
 - subject to extreme temperature or humidity changes (e.g., near an air conditioner or heater).



4) Since a hard disk drive is built into this copier, place the copier on a firm, level surface. Choose an area which is not subject to any vibration.



Be sure to allow the required space around the machine for servicing and proper ventilation.



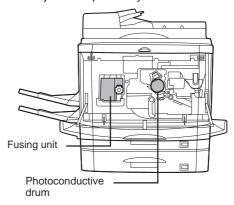
A small amount of ozone is produced within the copier during operation. The emission level is insufficient to cause any health hazard.

NOTE: The present recommended long term exposure limit for ozone is 0.1 ppm (0.2 mg/m³) calculated as an 8 hr. time-weighted average concentration.

However, since the small amount that is emitted may have an objectionable odor, it is advisable to place the copier in a ventilated area.

Cautions

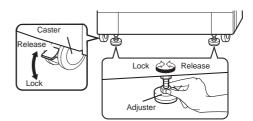
- 1) Do not touch the photoconductive drum. Scratches or smudges on the drum will cause dirty copies.
- 2) The fusing unit is extremely hot. Exercise care in this area.
- 3) Since a hard disk drive is built into the copier, be sure to turn the power switch to the "OFF" position when moving the copier. Take care not to subject the copier to any vibration or shock.



 Do not look directly at the light source. Doing so may damage your eyes.



5) Installation adjusters are provided on the optional stand/500-sheet paper drawer. When moving the machine with the optional stand/500-sheet paper drawer, be sure to raise the installation adjusters. After moving the machine, lower the installation adjusters until they reach the floor to lock the machine in place. (If the casters are not locked securely, the machine will gradually move and the cables of the RADF and the SPF are rubbed against the wall, causing internal disconnection.)



6) When copying is interrupted (for example, because the INTER-RUPT function has been used, paper or toner has run out, a misfeed has occurred, etc.), this copier will store the image data of the originals read prior to the interruption. If copying of secret documents is interrupted due to the above reasons, be sure to either resume the interrupted copying by pressing the START key, or clear the image data by pressing the clear all key after the interrupt copying is completed or the trouble is cleared, because the stored data may be printed by other operators.

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[2] SPECIFICATIONS

1. Machine type

Product	СРМ	Τv	Type		Paper	Men	nory
Name	OI W	ıy	pe	Feeder	Exit	RAM	HD
AR-250	25	Simplex	Desk top	1	1 tray	48 MB	-
AR-280	28	Simplex	Desk top	SPF	2 tray	16 MB	1 GB
AR-281	28	Simplex	Desk top	SPF	1 tray	16 MB	2 GB
AR-285	28	Duplex	Desk top	RADF	2 tray	16 MB	1 GB
AR-286	28	Duplex	Desk top	RADF	1 tray	16 MB	2 GB
AR-335	33	Duplex	Desk top	RADF	2 tray	16 MB	1 GB
AR-336	33	Duplex	Desk top	RADF	1 tray	16 MB	2 GB
AR-405	40	Duplex	Desk top	RADF	1 tray	16 MB	2 GB
AR-501	50	Duplex	Desk top	RSPF	1 tray	48 MB	2 GB
AR-505	50	Duplex	Desk top	RSPF	1 tray	48 MB	2 GB

^{*} Memory capacity is of the main body only, excluding optional expansion memory.

2. Copy speed

A. Basic Speed

per 1 scan	AR-250	AR-280 AR-281	AR-285 AR-286	AR-335 AR-336	AR-405	AR-501 AR-505
Single	25	28	28	28	34	47
	cpm	cpm	cpm	cpm	cpm	cpm
NA distribute	25	28	28	33	40	50
Multiple	cpm	cpm	cpm	cpm	cpm	cpm

^{*} Speeds from all the paper feed ports including the normal copy and the manual feed copy.

B. Normal copy (100%)

	AR-250	AR-280 AR-281	AR-285 AR-286	AR-335 AR-336	AR-405	AR-501 AR-505
A4/8.5 × 11	25	28	28	33	40	50
A3/11 × 17	13	14	14	17	19	25
B4/8.5 × 14/ 8.5 × 13	15	17	17	21	24	29
B5/A5/ 8.5 × 5.5	25	28	28	33	40	50
A4R/B5R/ 8.5 × 11	18	20	20	24	27	35

C. Enlargement copy

	AR-250	AR-280 AR-281 (800%)	AR-285 AR-286 (800%)	AR-335 AR-336 (800%)	AR-405 (400%)	AR-501 AR-505 (400%)
A4/8.5 × 11	25	28	28	33	40	50
A3/11 × 17	13	14	14	17	19	25
B4/8.5 × 14/ 8.5 × 13	15	17	17	21	24	29
B5/A5/ 8.5 × 5.5	25	28	28	33	40	50
A4R/B5R/ 8.5 × 11	18	20	20	24	27	35

D. Reduction copy (25%)

	AR-250	AR-280 AR-281	AR-285 AR-286	AR-335 AR-336	AR-405	AR-501 AR-505
A4/8.5 × 11	25	28	28	33	40	50
A3/11 × 17	13	14	14	17	17	25
B4/8.5 × 14/ 8.5 × 13	15	17	17	21	24	29
B5/A5/ 8.5 × 5.5	25	28	28	33	40	50
A4R/B5R/ 8.5 × 11	18	20	20	24	27	35

E. First Copy time

(1) Basic Speed

Model	AR-250	AR-280 AR-281	AR-285 AR-286	AR-335 AR-336	AR-405	AR-501 AR-505
Speed (sec.)	5.2	5.2	5.2	5.2	4.5	4.3

When the paper is fed from the Upper tray on the base unit.

Machines are measured when paper is fed from the upper tray of 2-tray exit unit.

(2) Detail

	AR-250	AR-280 AR-281	AR-285 AR-286	AR-335 AR-336	AR-405	AR-501 AR-505
Upper cassette (sec.)	5.2	5.2	5.2	5.2	4.5	4.3
Lower cassette (sec.)	5.7	5.7	5.7	5.7	5.0	4.5
Multi-Baypass Tray (sec.)	5.3	5.3	5.3	5.3	4.6	4.3
Stand/Upper paper drawer (sec.)	6.6	6.6	6.6	6.6	5.9	5.2
Stand/Medium paper drawer (sec.)	6.9	6.9	6.9	6.9	6.2	5.5
LCC (sec.)	5.9	5.9	5.9	5.9	5.2	4.7

Refer to each specification for the first copy time when paper is fed from the document feeder or the optional paper feed tray.

(3) First copy time from the document feeder

Model	AR-250 AR-281 AR-286	AR-280	AR-285 AR-335 AR-336	AR-405	AR-501 AR-505
When the SPF is used (sec.)	7.8	7.8	_	_	
When the RADF is used (sec.)	8.8	_	8.8	7.6	
When the RSPF is used (sec.)	_	_		_	7.0

When the paper is fed from the Upper tray on the base unit.

3. OC/DF

A. Document table

size	A3/11 × 17
ence position	Center left
ction	Yes
lask Carias	$11 \times 17, 8.5 \times 14, 8.5 \times 11,$
inch Series	$8.5 \times 11R, 8.5 \times 5.5$
AB Series	A3, B4, A4, A4R, A5
Australia	A3, 216 × 330, A4, A4R, A5 (Note 1)
B5 areas	A3, B4, A4, A4R, B5, B5R
Inch Series	11, 8.5, 5.5
AD Corios	A3/A4, B4/B5, A4R/A5, B5R,
AB Series	11, 8.5 (Note 2)
	Inch Series AB Series Australia B5 areas

(Note 1) For areas other than Australia, "B4/8.5 \times 11" can be changed to "8.5 \times 13" by the simulation.

(Note 2) The display of 8.5" for AB series is of the line display only. There is no size display.

B. SPF (AR-280/281)

(1) Document set

2 – 1

Set direction	Face down				
Set position	Center reference				
	A4/8.5 × 11	30 sheets	30 sheets of 80g/m² must be set.		
Set quantity	Greater than the above.	15 sheets	For 80 ~ 128g/m², paper of max. 4.7mm thick can se set.		

(2) Document transport

Document transport system	Sheet through type
Document feed sequence	Top take-up feed

(3) Document Size

Dogument Size		A3 ~ A5	
Document Size	Inch Series	11 × 17 ~ 8.5 × 5.5	
Paper Weight	50 ~ 128g/m² (14 ~ 34 lbs.)		

(4) Multi quantity

(5) Document mix feed

Mix paper feed	Allowed.
Random paper feed	Not allowed.

No linkage with AMS is made.

(6) Document detection

Detection	Inch Series	11 × 17, 8.5 × 14, 8.5 × 11,
		$8.5 \times 11R, 8.5 \times 5.5$
size	AB Series	A3, B4, A4, A4R, A5
	Australia	A3, A4, A4R, A5, 216 × 330 (Note 1)
Document guide display	Inch Series	11, 8.5, 5.5
	AB Series	A3/A4, B4/B5, A4R/A5, B5R, 8.5 (Note 2)

(Note 1) For areas other than Australia, "B4/8.5 \times 11" can be changed to "8.5 \times 13" by the simulation.

(Note 2) The display of 8.5" for AB series is of the line display only. There is no size display.

(7) Stream mode

01	The stream mode can be selected by the key
Stream mode	operation program. (Only group mode)

(8) Document reverse

Document reverse	No

(9) Display section

Display section	No

C. RADF (AR-285/286/335/336/405)

(1) Document set

Set direction	Face up		
Set position	Center reference		
Set quantity	A4/8.5 × 11	50 sheets	35 ~ 80g/m ² :
			Thickness Less than 6.5 mm
	Greater than	30 sheets	80 ~ 128g/m ² :
	the above		Thickness Less than 5 mm
			(50 sheets of 80g/m ²)

(2) Document transport system

Document transport system	Belt system
Desument fed seguence	Lower take-up paper feed
Document fed sequence	(Face up paper feed)

(3) Document size

L)ocument size	AB Series	A3 ~ A5
	Inch Series	$11 \times 17 \sim 8.5 \times 5.5$
Weight	35 ~ 128g/m ² (10 ~ 34 lbs.)	

(4) Document stop system

Document stop system	Stopper system (Position control for single copy) (Duplex copy)
----------------------	--

(5) Document detection on the tray

Document detection on the tray		Yes
	Inch Series	11 × 17, 8.5 × 14, 8.5 × 11, 8.5 × 11R, 8.5 × 5.5, 8.5 × 13
Detection size	AB Series	A3, B4, A4, A4R, A5, 8.5 × 13
	B5 area	A3, B4, A4, A4R, B5, B5R, A5
	Australia	A3, B4, A4, A4R, A5, 216 × 330
Doormont guide	Inch Series	11, 8.5, 5.5
Document guide display	AB Series	A3/A4, B4/B5, A4R/A5, B5R, 8.5 (Note)

(Note) AB series 8.5" display is of line display only. Size display is not made.

When setting Sim, "8.5 \times 14" and "8.5 \times 13" are separately detected.

(7) Document mix feed

Document	Mix paper feed	Possible (Same width size)
mix feed	Random paper feed	Possible

No linkage with AMS is made.

(8) Document reversion

Document reversion	Yes
(a) B:I.	

(9) Display

Ī	Display section	LLED dienlay	Document feed display section
	Display Section		Document remaining display

(10) Stream mode

	The stream mode can be selected by the key
	operation program. (Only group mode)

D. RSPF (AR-501/505)

(1) Document set

Set direction	Face up	
Set position	Center reference	
Cot guantity	Less than 80g/m ²	50 sheets
Set quantity	Greater than the above	Thickness Less than 6 mm

(2) Document transport

Document transport system	Sheet through type
Document feed sequence	Top take-up feed

(3) Document size

Dogument Cire	AB Series	A3 ~ A5
Document Size	Inch Series	11 × 17 ~ 8.5 × 5.5
Donor Woight	Simplex	$50 \sim 128 \text{g/m}^2 (14 \sim 34 \text{ lbs.})$
Paper Weight	Duplex	$50 \sim 110 \text{g/m}^2 (14 \sim 29 \text{ lbs.})$

(4) Document detection

Detection size	Inch Spripe	$11 \times 17, 8.5 \times 14, 8.5 \times 11,$ $8.5 \times 11R, 8.5 \times 5.5$
	AB Series	A3, B4, A4, A4R, A5, B5, B5R

(5) Others

Dimensions (W x D x H)	576 x 505 x 142 mm
Weight	About 13.5 kg
0	DC 24V, DC 5V
Super supply	(Supplied from main body)
Zooming ratio	100 to 400%
Document exchange speed	Max. 50 sheets/minute
Power consumption	DC24V: 48W, DC5V: 2W

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4. Paper feed

A. Outline of paper feed

Copy size	AB Series	A3 ~ A6R, Postcard	
(Max. ~ Min.)	Inch Series	11 × 17 ~ 8.5 × 5.5	
Paper feed system		2 Tray + Manual Feed Tray	
Paper feed capacity		$500 \times 2 + 50 (80g/m^2)$	
	Paper feed tray section	Level detection available	
Remaining		0~ 25%, 25%~ 50%, 50%~ 85%,	
detection		85%~	
detection	Manual Feed Tray	Empty detection only available	

B. Details of paper feed section

(1) Paper feed tray

Paper feed	AB Series	A3/B4/A4/A4R/B5/B5R/A5
		11 × 17/8.5 × 14/8.5 × 13/
Size	Inch Series	$8.5 \times 11/8.5 \times 11R/5.5 \times 8.5$
Paper weight		56 ~ 105g/m ² (15 ~ 28 lbs.)
Paper size selection		User operation (slide switch system)
	AB Series	A5/A4/A4R/B4/A3/B5/8.5 × 11/
Slide switch		EXTRA
Slide Switch	La ala Osaria a	11 × 17/8.5 × 14/8.5 × 13/8.5 × 11/
	Inch Series	8.5 × 11R/5.5 × 8.5/A4/EXTRA
Cassette attachment/detachment		Only the lower cassette possible

When the slide switch is set to "Special", the operation is made on the set size of the key operator program.

(Sizes of 13" in AB series and B5 are set with the key operator program.)

(2) Manual Feed Tray

Manual feed tray type		Folding, complete attachment	
	AB Series	A3 ~ A6R	
	Inch Series	11 × 17 ~ 8.5 × 5.5	
Paper size	Paper Weight	52 ~ 128g/m² (14 ~ 34 lbs.), 176g/m² (index paper), 200g/m² (cover paper) (For greater than 105g/m², 28lbs, the size is A4 or smaller. For greater than 128g/m² (34 lbs) portrait feed only.	
	Multi feed	Standard paper, special paper	
	Single feed	Standard paper, special paper, No. 2 original paper	
Paper kind	Special	OHP, label paper, reproduction paper, index paper, cover paper	
	paper	For multi and back surface copy, only the single paper feed is allowed.	
Detection	AB Series	A3/B4/A4/A4R/B5/B5R/A5/A6R	
Detection size	Inch Series	11 × 17/8.5 × 14/8.5 × 11/ 8.5 × 11R/5.5 × 8.5/7.25 x 10.5	
Manual feed tray guide	AB Series	A3/A4, B4/B5, A4R/A5, A5R, B5R, 11, 8.5 (NOTE 1)	
display	Inch Series	11, 8.5, 5.5	

(Note 1) For 11" \times 8.5" of AB series, only the line is displayed and the size is not displayed.

(3) Dehumidifying heater

` '	-		
Yes/No		_	No

5. Multi copy

Multi max. quantity	У	999

6. Warm up

	AR-250/280 /281/285/ 286/335/336	AR-405	AR-501/505
Warm up time	Less than 65 sec	Less than 75 sec	About 150 sec
Pre-heat yes/no	t yes/no Yes		
Jam recovery time			About 30 sec

7. Copy magnification ratio

		AR-250/280/281/ 285/286/335/336	AR-405/501/505	
tion ratio	AB Series	25, 50, 70, 81, 86, 100, 115, 122, 141, 200, 400, 800%	25, 50, 70, 81, 86, 100, 115, 122, 141, 200, 400%	
S		5R -	+ 6E	
Fixed magnification ratio	Inch Series	25, 50, 64, 77, 95, 100, 121, 129, 141, 200, 400, 800%	25, 50, 64, 77, 95, 100, 121, 129, 141, 200, 400%	
Ĕ		5R + 6E		
Zoom width		25 ~ 800%	25 ~ 400%	
Independent magnification width		25 ~ 800% for horizontal/vertical (25 ~ 800% (high fidelity copy))	25 ~ 400% for horizontal/vertical	

8. Exposure

Exposure mode		Auto, character, character/photo, photo
Manual steps		9 steps
Resolution	Read	400 dpi
Resolution	Write	600 dpi
Gradation	Read	256 gradations
Gradation	Write	2 gradations (Default)
Toner save mode		Set with the key operator program. (In U.K., it is treated by a serviceman.)

9. Print area

A. Max. print area

Max. area	AB Series	416 × 293 mm
Max. area	Inch Series	428 × 275 mm

B. Loss width

Void area		Lead edge 4 mm or less, rear edge 4 mm or less, FR total 5 mm or less
void area	Other models	Lead edge 3 mm or less, rear edge 4 mm or less, FR total 5 mm or less
Image Loss	Less than	n 5 mm

10. Paper exit

A. Paper exit form

	AR-280/285/335	AR-250/281/286/336/ 405/501/505
Paper exit form	2-tray paper exit	1-tray paper exit



B. Paper exit section

		AR-280/285/ 335	AR-250/281/ 286/336/ 405	AR-501/505
Paper exit tray	Upper Tray		250 sheets	
capacity	Lower Tray	100 sheets	_	
Paper exit surface	Upper Tray	Fac	e up	Face up & Face down
(Face up/Face down)	Lower Tray	Face up	_	_

C. Paper size

		Size	Paper Weight
Upper	AB Series	A3 ~ A6R	$50 \sim 128 \text{g/m}^2$,
Tray	Inch Series	$11\times17\sim8.5\times5.5$	176g/m ² , 200g/m ²
Lower	AB Series	A3 ~ A5	50 405 m/m²
Tray	Inch Series	$11\times17\sim8.5\times5.5$	50 ~ 105g/m ²

Duplex pass section : $56 \sim 105 \text{g/m}^2$

11. Duplex module (AR-285/AR-335/336/405/501/505)

A. Auto duplex unit

	AR-250/280/281	AR-285/286/335/ 336/405/501/505
Auto Duplex Unit	Option (AR-DU1)	Standard

B. Paper size

	AB Series	A3, B4, A4, A4R, B5, B5R, A5
Paper size	Inch Series	11 × 17, 8.5 × 14, 8.5 × 13, 8.5 × 11, 8.5 × 11R, 7.25 × 10.5R
Paper Weight		56 ~ 105g/m² (Same as the paper feed section of the main body)

C. Capacity

Capacity	1 Sheet (Single Pass Method)

12. Shipping form

A. Packing form

Body	Body/accessories

B. Paper size

First Tray	AB Series	A3
First Tray	Inch Series	11×17
Second Tray	AB Series	A3
	Inch Series	11 × 17

13. Additional functions

A. Main body functions

APS	
AMS	AMS by flow scan with DF is not allowed.
Auto tray switching	
1 scan multi copy	
Rotation copy	
Pre-heat	Conditions are set with the key operation.
Auto shut off	Conditions are set with the key operation.
Message display	
Key operator program	
Communication (RIC)	
Process control	
Coin vendor	Only the connector is provided on the PWB.

B. Copy function

	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505								
Job call/ registration		9									
Dont control	Max. 50 de	ot.	Max. 500 dept.								
Dept. control	(Only the copy function is controlled.)										
Binding margin	Shift width AB series: 10mm, Inch series: 1/2" with adjustment (Binding direction selectable)										
Edge erase	AB series: 10m	AB series: 10mm, Inch series: 1/2" with adjustment									
Center erase											
1-set, 2-copy											
Independent	25 ~ 800% for	25 ~ 800% for 25 ~ 400% for vertical/horizontal									
zooming	vertical/horizontal	25 ~ 2	100% for vertical/florizontal								
White/black reversion	All surface	only (only	in the manual mode)								
Cover paper	Cover/ba	ck cover/c	over and back cover								
OHP insert paper	Insert paper copy selectable		Only 1 face-up paper exit is possible								
Centering											
Multi shot (Nin1)	Pap	oer feed si	ize is up to A4.								
Repeat copy											
Date print	Time s	etting by	the key operation.								
Stamp function	_										
Middle binding	HD is required for AR-250.										
Page print	HC) is require	ed for AR-250.								

14. Options

		AR-250	AR-280	AR-285	AR-336	AR-501
		AK-250	AK-280	AR-335	AR-405	AR-505
Document	SPF	Option	Standard	_	_	_
feeder	RADF	Option	_	Standard	Standard	-
locaci	RSPF	_	_	_	_	Standard
	1 tray desk (AR-DE1)	Option	Option	Option	Option	Option (AR-DE7)
Paper feed	Large capacity tray (AR-LC1)	Option	Option	Option	Option	Option (AR-LC1N)
ieeu	Tray module (AR-CS1)	Option	Option	Option	Option	Option
	Desk (AR-DD1)	Option	Option	Option	Option	Option
Duplex module	Auto duplex module (AR-DU1)	Option	Option	Standard	Standard	Standard
	Dual tray output unit (AR-TR1)	Option	Standard	Standard	Option	_
Finishing	Finisher (AR-FN1)	Option	Option	Option	Option	
	Finisher (AR-RN2)	Option	_		Option	
	FN3	Option	_	_	_	Option

15. Other specifications

Photoconductor kind	OPC drum
Photoconductor dia.	65 ф
Process cleaning	Blade
Exposure lamp	No-electrode xenon lamp
Developing system	Dry, 2-component magnetic brush development
Charging system	DC negative scorotron (saw tooth electrode)
Transfer system	DC positive control
Separation system	AC corotron/DC bias separation pawl/ Separation lamp (AR-501/505 only)
Fusing system	Heat roller
Fusing cleaning	Yes (AR-501/505 only)

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16. Outlook

	W x D x H (mm)	Machine occupying dimensions	Weight
AR-250	$600\times695\times658$	1292 × 630	About 81 kg
AR-280	$600\times695\times698$	1292 × 695	About 89 kg
AR-281	$600\times695\times735$	1292 × 695	About 87 kg
AR-285/335	$600\times695\times750$	1292 × 695	About 98 kg
AR-286/336	$600\times695\times718$	1292 × 695	About 101 kg
AR-405	600 × 700 × 750	1292 × 700	About 98 kg
AR-501/505	600 × 700 × 773	1292 × 700	About 102 kg

17. Power supply

Voltage	100 V, 110 V, 120 V, 127 V, 220-230 V, 240 V
Frequency	50/60 Hz Common

18. Power consumption

	AR-280/285/ 335	AR-250/281/ 286/336/405	AR-501/505
Max. power consumption	Less than	Less than	Less than
	1440 W	1440 W	1590 W

19. Environmental measures

A. EnergyStar

		AR-250	AR-280/285	AR-281/286	AR-335	AR-336	AR-405	AR-501/505					
Low power mode (Pre	e-heat mode)	Less than 101.25 W						Less than 197.5 W					
	Recovery time		Less than 1 min										
Clean made	Power consumption	Less than 15 W	Less than 15 W	Less than 15 W	Less than 15 W	Less than 15 W	Less than 15 W	Less than 20 W					
Sleep mode (Power save mode)	Shift time		Max. 240 min (Default 60 min)										

20. Combination of functions

AR-280/285/335

	Inde- pend- ent zoom- ing	AMS	Water mark	Stamp	Page print	Date print	Black- white rever- sion	Cen- tering	Edge erase	Bind- ing mar- gin	1-set 2- copy (Docu -ment table only)	Mid- dle bind- ing	Re- peat	Multi shot (DF only)	OHP insert paper	Cover inser- tion (DF only)	Hi-Fi copy	Du- plex copy direc- tion switch	Offset	Group	Sort	Staple sort
$S \to S$	0	0	0	0	0	0	0	0	0	0	0	A	0	0	0	0	0	×	0	0	0	0
$S \; (Even \; number) \to D$	0	0	0	0	0	0	0	0	0	0	0	A	0	0	×	0	×	0	0	0	0	0
$S \; (\text{Odd number}) \to D \; (\text{DF only})$	0	0	0	0	0	0	0	0	0	0	X	A	0	0	×	0	×	0	0	0	0	0
$S \rightarrow D$ (Auto)	0	0	0	0	0	0	0	0	0	0	0	A	0	0	×	0	×	0	0	0	0	0
$D\toD\;(DF\;only)$	0	0	0	0	0	0	0	0	0	0	×	A	0	0	×	0	×	×	0	0	0	0
$D\toS\;(DF\;only)$	0	0	0	0	0	0	0	0	0	0	X	A	0	0	0	0	0	X	0	0	0	0
Staple sort	0	0	0	0	0	0	0	0	0	0	0	X	0	0	×	0	×	0	0	×	×	
Sort	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Δ	0	Δ	0	0	Х		_
Group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Δ	0	0	0	0		_	
Offset	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		- '		
Duplex copy direction switch	0	0	0	0	0	0	0	0	0	0	Х	0	×	X	×	0	×		_'			
Hi-Fi copy (*)	0	0	X	×	×	Х	X	×	0	0	0	Х	×	X	0	0						
Cover insertion (DF only)	0	0	0	0	0	0	X	0	0	0	Х	Х	×	X	X							
OHP insert paper	0	0	0	0	0	0	X	0	0	0	0	Х	×	X		_						
Multi shot (DF only)	×	×	0	0	0	0	X	0	0	0	X	X	X		- '							
Repeat	0	×	0	0	0	0	0	0	0	0	X	Х		_								
Middle binding	×	0	0	0	0	0	X	0	0	0	X											
1-set 2-copy (Document table only)	0	0	0	0	0	0	X	0	0	0		-										
Binding margin	0	0	0	0	0	0	0	0	0		_											
Edge erase	0	0	0	0	0	0	0	0		_												
Centering	0	0	0	0	0	0	0		_													
Black-white reversion	0	0	×	0	0	0																
Date print	0	0	0	0	0		_															
Page print	0	0	0	0		_																
Stamp	0	0	×		_																	
Water mark	0	0		_																		
AMS	0		_																			

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- $\hfill \blacktriangle$ Follows the setting on the middle binding display.
- Δ Only one set of copies available.
- * Combination with SPF mode is inhibited.

AR-250/281/286/336/405

	Inde- pend- ent zoom- ing	AMS	Water mark	Stamp	Page print	Date print	Black- white rever- sion	Cen- tering	Edge erase	Bind- ing mar- gin	1-set 2- copy (Docu- ment table only)	Mid- dle bind- ing	Re- peat	Multi shot	OHP insert paper	Cover inser- tion (DF only)	Du- plex copy direc- tion switch	Offset	Group	Sort	Staple sort
$S \to S$	0	0	0	0	0	0	0	0	0	0	0	A	0	0	0	0	×	0	0	0	О
$S \rightarrow D$ (Auto)	0	0	0	0	0	0	0	0	0	0	0	A	0	0	×	0	0	0	0	0	0
$D\toD\;(DF\;only)$	0	0	0	0	0	0	0	0	0	0	×	A	0	0	×	0	×	0	0	0	0
$D\toS\;(DF\;only)$	0	0	0	0	0	0	0	0	0	0	×	A	0	0	0	0	×	0	0	0	0
Staple sort	0	0	0	0	0	0	0	0	0	0	0	×	0	0	×	0	0	0	×	×	
Sort	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Δ	0	0	0	×		
Group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Δ	0	0	0			
Offset	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Duplex copy direction switch	0	0	0	0	0	0	0	0	0	0	×	0	×	×	×	0					
Cover insertion (DF only)	0	0	0	0	0	0	×	0	0	0	×	×	×	×	×		_				
OHP insert paper	0	0	0	0	0	0	×	0	0	0	0	×	×	×		_					
Multi shot (DF only)	×	×	0	0	0	0	×	0	0	0	×	×	×		_						
Repeat	0	×	0	0	0	0	0	0	0	0	×	×		_							
Middle binding	×	0	0	0	0	0	×	0	0	0	×		_								
1-set 2-copy (Document table only)	0	0	0	0	0	0	×	0	0	0		_									
Binding margin	0	0	0	0	0	0	0	0	0		_										
Edge erase	0	0	0	0	0	0	0	0		_											
Centering	0	0	0	0	0	0	0		_												
Black-white reversion	0	0	×	O	0	0		_													
Date print	0	0	0	0	0		_														
Page print	0	0	0	0																	
Stamp	0	0	×		_																
Water mark	0	0																			
AMS	0		_																		

- ▲ Follows the setting on the middle binding display.
- $\Delta\,$ Only one set of copies available.

AR-501/505

	Inter- rupti- on *	Tan- dem copy *	Inde- pend- ent zoom- ing	AMS	Water mark	Stamp	Page print	Date print	Black- white rever- sion	Cen- tering	Cen- ter erase	Edge erase	Bind- ing mar- gin	1-set 2-copy (Docu- ment table only)	Mid- dle bind- ing	Re- peat	Multi shot	OHP insert paper	Cover inser- tion (DF only)	Du- plex copy direc- tion switch	Offset	Group	Sort	Stap- le sort
$S \to S$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	A	0	0	0	0	×	0	0	0	0
$S\toD$	X	0	0	0	0	0	0	0	0	0	0	0	0	0	A	0	0	X	0	0	0	0	0	0
$D\toD\;(DF\;only)$	X	0	0	0	0	0	0	0	0	0	0	0	0	×	A	0	0	Χ	0	×	0	0	0	0
$D\toS\;(DF\;only)$	0	0	0	0	0	0	0	0	0	0	0	0	0	×	A	0	0	0	0	×	0	0	0	0
Staple sort	×	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	X	0	0	×	X	X	
Sort	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Δ	0	0	0	X		-
Group	0	×	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Δ	0	0	0			
Offset	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	×	0	0		-		
Duplex copy direction switch	X	0	0	0	0	0	0	0	0	0	0	0	0	×	0	X	X	X	0					
Cover insertion (DF only)	X	0	0	0	0	0	0	0	×	0	0	0	0	×	X	X	X	X		-				
OHP insert paper	0	×	0	0	0	0	0	0	×	0	0	0	0	0	×	×	X		_					
Multi shot	X	0	×	0	0	0	0	0	×	X	0	0	0	×	X	X		•						
Repeat	0	0	0	×	0	0	0	0	0	X	0	0	0	×	X		•							
Middle binding	0	0	×	0	0	0	0	0	×	X	0	0	0	×										
1-set 2-copy (Document table only)	О	0	0	0	0	0	0	0	×	0	×	0	0											
Binding margin	0	0	0	0	0	0	0	0	0	0	0	0		· - ·										
Edge erase	0	0	0	0	0	0	0	0	0	0	0		=											
Center erase	0	0	0	0	0	0	0	0	0	0		=												
Centering	0	0	0	X	0	0	0	0	0		_													
Black-white reversion	0	0	0	0	×	0	0	0																
Date print	0	0	0	0	0	0	0		_															
Page print	0	0	0	0	0	0																		
Stamp	0	0	0	0	X		_																	
Water mark	0	0	0	0		_																		
AMS	0	О	0		_																			
Independent zooming	0	О																						
Tandem copy	X		_																					

- ▲ Follows the setting on the middle binding display.
- $\Delta\,$ Only one set of copies available.

When making an interruption, the number of documents is limited.

Single copy: Max. 20 sheets (A3/B4 document: 10sheets)

Duplex copy: Max. 10 sheets (A3/B4 document: 5 sheets)

st This function is valid in the AR-505 only.

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[3] CONSUMABLE PARTS

1. Consumable Parts List

A. USA

AR-250/280/281/285/286/335/336

					MODEL	NAME	
No.	ITEM	CONTENTS		LIFE	AR-280/285/ 335	AR-250/281/ 286/336	REMARKS
1	Drum	OPC Drum	×1	160K	AR-330DR	AR-336DR	
2	Developer (Black)	Developer (800g)	×10	80K (×10)	AR-330MD (AR330ND)	AR-336MD (AR-336ND)	AR-330MD = (AR-330ND) × 10 AR-336MD = (AR-336ND) × 10
3	Toner (Black)	Toner Cartridge (700g)	×10	17.5K (×10)	AR-330MT (AR-330NT)	AR-400MT (AR-400NT)	$AR-330MT = (AR-330NT) \times 10$ $AR-400MT = (AR-400NT) \times 10$
4	Upper Heat Roller Kit	Upper Heat Roller Fusing Separation Pawl (upper) Heat Roller Gear	×1 ×4 ×1	160K	AR-3	30UH	Replacement of fusing separation pawl for every 80 K should be done using those supplied separately.
5	Lower Heat Roller Kit	Lower Heat Roller Fusing Separation Pawl (lower)	×1 ×2	160K	AR-3	30LH	Replacement of fusing separation pawl for every 80 K should be done using those supplied separately.
6	80K Maintenance Kit	Cleaner Blade Charging Plate Unit Drum Separation Unit	×1 ×1 ×1	80K	AR-330KA1	AR-400KA	
7	Cleaner Blade	Cleaner Blade	×10	80K (×10)	AR-3	30CB	AR-330CB= (AR-330BL) ×10
8	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-S	SC11	Cartridge for AR-FN1 Common with S55,S55 N
9	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12		Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
9	Upper Heat Roller	Upper Heat Roller	×1	160K	AR-3	30HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	80K (×10)	SF-2	16UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	160K (×10)	SF-2	16HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	160K	AR-3	30HR	
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	80K (×10)	SF-2	40LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	80K (×10)	SF-2	40DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	80K (×10)		30SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	80K (×10)	AR-330PU		AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB		
18	Busing	Busing ×2	×10	160K (×10)			SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	80K (×10)			AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-330CL		AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-3	30MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

AR-405

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	180K	AR-400DR	
2	Developer (Black)	Developer (800g)	×10	90K (×10)	AR-400MD	$AR-400MD = (AR-400ND) \times 10$
3	Toner (Black)	Toner Cartridge (700g)	×10	22K (×1)	AR-400MT	$AR-400MT = (AR-400NT) \times 10$
4	Upper Heat Roller Kit	Upper Heat Roller Fusing Separation Pawl (upper) Heat Roller Gear	×1 ×4 ×1	180K	AR-330UH	Replacement of fusing separation pawl for every 80 K should be done using those supplied separately.
5	Lower Heat Roller Kit	Lower Heat Roller Fusing Separation Pawl (lower)	×1 ×2	180K	AR-330LH	Replacement of fusing separation pawl for every 80 K should be done using those supplied separately.
6	90K Maintenance Kit	Cleaner Blade Charging Plate Unit Drum Separation Unit	×1 ×1 ×1	90K	AR-400KA1	
7	Cleaner Blade	Cleaner Blade	×10	90K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
8	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1 Common with S55,S55 N
9	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12	Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
9	Upper Heat Roller	Upper Heat Roller	×1	180K	AR-330HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	90K (×10)	SF-216UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	180K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	180K	AR-330HR	
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	90K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	90K (×10)	SF-240DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	90K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	90K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
18	Busing	Busing ×2	×10	180K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	90K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-330CL	AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10

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Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

8/6/1999

AR-501/505

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	250K	AR-500DR	
2	Developer (Black)	Developer (800g)	×10	250K (×10)	AR-500MD (AR500ND)	(AR-500ND) ×10 = AR-500MD
3	Toner (Black)	Toner Cartridge (700g)	×10	25K (×10)	AR-500MT (AR-500NT)	(AR-500NT) ×10 = AR-500MT
4	Upper Heat Roller Kit	Upper Heat Roller Fusing Separation Pawl (upper) Heat Roller Gear	×1 ×4 ×1	250K	AR-505UH	
5	Lower Heat Roller Kit	Lower Heat Roller Fusing Separation Pawl (lower)	×1 ×2	250K	AR-505LH	
6	125K Maintenance Kit	Cleaner Blade Charging Plate Unit Drum Separation Unit Upper CL Roller Unit	×1 ×1 ×1 ×1	125K	AR-505KA1	
7	Cleaner Blade	Cleaner Blade	×10	125K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
8	Curl Adjustment Roller	Curl Adjustment Roller	×10	250K (×10)	AR-505KR	AR-505KR= (AR-505JR) ×10
9	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1/FN1N/FN3 Common with S55,S55 N
10	Upper Heat Roller	Upper Heat Roller	×1	250K	AR-505HU	
11	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	125K (×10)	AR-505UP	AR-505UP=AR-505TP (incl.4 pawls) ×10
12	Heat Roller Gear	Heat Roller Gear	×10	250K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
13	Lower Heat Roller	Lower Heat Roller	×1	250K	AR-505HR	
14	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	125K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
15	Drum Separation Pawl	Drum Separation Pawl ×2	×10	125K (×10)	AR-505DP	AR-505DP=AR-505EP (incl.2 pawls) ×10
16	Screen Grid	Screen Grid	×10	125K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
17	Charging Plate	Charging Plate	×10	125K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
18	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
19	Busing	Busing ×2	×10	250K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
20	Ozone Filter	Ozone Filter	×10	125K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
21	Ozone Filter 50	Ozone Filter 50	×10	125K (×10)	AR-505FL	AR-505FL= (AR-505JL) ×10
22	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

B. Canada

AR-250/280/281/285/286/335/336

					MODEL	NAME			
No.	ITEM	CONTENTS		LIFE	AR-280/285/ 335	AR-250/281/ 286/336	REMARKS		
1	Drum	OPC Drum	×1	160K	AR-330DR	AR-336DR			
2	Developer (Black)	Developer (800g)	×10	80K (×10)	AR-330MD (AR330ND)	AR-336MD (AR-336ND)	AR-330MD = (AR-330ND) × 10 AR-336MD = (AR-336ND) × 10		
3	Toner (Black)	Toner Cartridge (700g)	×10	17.5K (×10)	AR-330MT (AR-330NT)	AR-400MT (AR-400NT)	$AR-330MT = (AR-330NT) \times 10$ $AR-400MT = (AR-400NT) \times 10$		
4	80K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×1 ×3 ×4 ×2 ×1 ×1	80K	AR-330KA	AR-400KA			
5	160K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1 ×1	160K	AR-330KB				
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11		Cartridge for AR-FN1 Common with S55,S55 N		
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-l	-S12	Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3		
8	Cleaner Blade	Cleaner Blade	×10	80K (×10)	AR-330CB		AR-330CB= (AR-330BL) ×10		
9	Upper Heat Roller	Upper Heat Roller	×1	160K	AR-3	30HU			
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	80K (×10)	SF-2	16UP	SF216UP=SF-216TP (incl.4 pawls) ×10		
11	Heat Roller Gear	Heat Roller Gear	×10	160K (×10)	SF-2	16HG	SF216HG= (SF216JG) ×10		
12	Lower Heat Roller	Lower Heat Roller	×1	160K	AR-3	30HR			
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	80K (×10)	SF-2	40LP	SF240LP=SF-240MP (incl.2 pawls) ×10		
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	80K (×10)	SF-2	40DP	SF240DP=SF-240EP (incl.2 pawls) ×10		
15	Screen Grid	Screen Grid	×10	80K (×10)	AR-3	30SU	AR-330SU= (AR-330TU) ×10		
16	Charging Plate	Charging Plate	×10	80K (×10)	AR-3	30PU	AR-330PU= (AR-330NU) ×10		
17	Waste Toner Bottle	Waste Toner Bottle	×1			30TB			
18	Busing	Busing ×2	×10	160K (×10)	SF-2	40BU	SF-240BU= (SF-240DU) ×10		
19	Ozone Filter	Ozone Filter	×10	80K (×10)	AR-330FL		AR-330FL		AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-330CL		AR-330CL= (AR-330DL) ×10		
21	MC Unit	MC Unit	×10		AR-3	30MC	AR-330MC= (AR-330NC) ×10		

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

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AR-405

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	180K	AR-400DR	
2	Developer (Black)	Developer (800g)	×10	80K (×10)	AR-400MD	$AR-400MD = (AR-400ND) \times 10$
3	Toner (Black)	Toner Cartridge (700g)	×10	22K (×1)	AR-400MT	$AR-400MT = (AR-400NT) \times 10$
4	90K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×3 ×4 ×2 ×1 ×1	90K	AR-400KA	
5	180K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1 ×1	180K	AR-330KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1 Common with S55,S55 N
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12	Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
8	Cleaner Blade	Cleaner Blade	×10	90K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
9	Upper Heat Roller	Upper Heat Roller	×1	180K	AR-330HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	90K (×10)	SF-216UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	180K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	180K	AR-330HR	
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	90K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	90K (×10)	SF-240DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	90K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	90K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
18	Busing	Busing ×2	×10	180K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	90K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-330CL	AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

AR-505

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	250K	AR-500DR	
2	Developer (Black)	Developer (800g)	×10	250K (×10)	AR-500MD (AR500ND)	(AR-500ND) ×10 = AR-500MD
3	Toner (Black)	Toner Cartridge (700g)	×10	25K (×10)	AR-500MT (AR-500NT)	(AR-500NT) ×10 = AR-500MT
4	125K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit Cleaning Roller Upper CL Roller Unit	×1 ×3 ×4 ×2 ×1 ×1 ×1	125K	AR-505KA	
5	250K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear Curl Adjustment Roller	×1 ×1 ×1 ×1 ×1 ×1	250K	AR-505KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1/FN1N/FN3 Common with S55,S55 N
7	Cleaner Blade	Cleaner Blade	×10	125K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
8	Upper Heat Roller	Upper Heat Roller	×1	250K	AR-505HU	
9	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	125K (×10)	AR-505UP	AR-505UP=AR-505TP (incl.4 pawls) ×10
10	Heat Roller Gear	Heat Roller Gear	×10	250K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
11	Lower Heat Roller	Lower Heat Roller	×1	250K	AR-505HR	
12	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	125K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
13	Drum Separation Pawl	Drum Separation Pawl ×2	×10	125K (×10)	AR-505DP	AR-505DP=AR-505EP (incl.2 pawls) ×10
14	Screen Grid	Screen Grid	×10	125K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
15	Charging Plate	Charging Plate	×10	125K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
16	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
17	Busing	Busing ×2	×10	250K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
18	Ozone Filter	Ozone Filter	×10	125K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
19	Ozone Filter 50	Ozone Filter 50	×10	125K (×10)	AR-505FL	AR-505FL= (AR-505JL) ×10
20	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10
21	Curl Adjustment Roller	Curl Adjustment Roller	×10	250K (×10)	AR-505KR	AR-505KR= (AR-505JR) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

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8/6/1999



C. Europe / U.K. / Australia / New Zealand

AR-250/280/281/285/286/335/336

					MODEL	NAME	
No.	ITEM	CONTENTS		LIFE	AR-280/285/ 335	AR-250/281/ 286/336	REMARKS
1	Drum	OPC Drum	×1	160K	AR-330DM	AR-331DM	
2	Developer (Black)	Developer (800g)	×10	80K (×10)	AR-330LD (AR330DV)	AR-336LD (AR-336DV)	AR-330LD = (AR-330DV) × 10 AR-336LD = (AR-336DV) × 10
3	Toner (Black)	Toner Cartridge (700g)	×10	17.5K (×10)	AR-330LT (AR-330T)	AR-400LT (AR-400T)	$AR-330LT = (AR-330T) \times 10$ $AR-400LT = (AR-400T) \times 10$
4	80K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×1 ×3 ×4 ×2 ×1 ×1	80K	AR-330KA	AR-400KA	
5	160K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1 ×1	160K	AR-330KB		
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3			Cartridge for AR-FN1 Common with S55,S55 N
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-L	.S12	Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
8	Cleaner Blade	Cleaner Blade	×10	80K (×10)	AR-330CB		AR-330CB= (AR-330BL) ×10
9	Upper Heat Roller	Upper Heat Roller	×1	160K	AR-3	30HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	80K (×10)	SF-2	16UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	160K (×10)	SF-2	16HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	160K	AR-3	30HR	
13	Fusing Separation Pawl (upper)	Fusing Separation Pawl (lower) ×2	×10	80K (×10)	SF-2	40LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	80K (×10)	SF-2	40DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	80K (×10)	AR-3	30SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	80K (×10)	AR-330PU		AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB		
18	Busing	Busing ×2	×10	160K (×10)	SF-240BU		SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	80K (×10)	AR-330FL		AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-3		AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-3	30MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

AR-405

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	180K	AR-400DM	
2	Developer (Black)	Developer (800g)	×10	90K (×10)	AR-400LD	$AR-400LD = (AR-400DV) \times 10$
3	Toner (Black)	Toner Cartridge (700g)	×10	22K (×1)	AR-400LT	$AR-400LT = (AR-400T) \times 10$
4	90K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×1 ×3 ×4 ×2 ×1 ×1	90K	AR-400KA	
5	180K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1 ×1	180K	AR-400KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1 Common with S55,S55 N
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12	Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
8	Cleaner Blade	Cleaner Blade	×10	90K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
9	Upper Heat Roller	Upper Heat Roller	×1	180K	AR-400HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	90K (×10)	SF-216UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	180K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	180K	AR-330HR	
13	Fusing Separation Pawl (upper)	Fusing Separation Pawl (lower) ×2	×10	90K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	90K (×10)	SF-240DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	90K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	90K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
18	Busing	Busing ×2	×10	180K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	90K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-330CL	AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

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AR-505

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	250K	AR-500DM	
2	Developer (Black)	Developer (800g)	×10	250K (×10)	AR-500LD (AR-500DV)	(AR-500DV) ×10 = AR-500LD
3	Toner (Black)	Toner Cartridge (700g)	×10	25K (×10)	AR-500LT (AR-500T)	(AR-500T) ×10 = AR-500LT
4	125K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit Cleaning Roller	×1 ×3 ×4 ×2 ×1 ×1	125K	AR-505KA	
5	250K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear Curl Adjustment Roller Upper CL Roller Unit	×1 ×1 ×1 ×1 ×1 ×1 ×1	250K	AR-505KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1/FN1N/FN3 Common with S55,S55 N
7	Cleaner Blade	Cleaner Blade	×10	125K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
8	Upper Heat Roller	Upper Heat Roller	×1	250K	AR-505HU	,
9	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	125K (×10)	AR-505UP	AR-505UP=AR-505TP (incl.4 pawls) ×10
10	Heat Roller Gear	Heat Roller Gear	×10	250K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
11	Lower Heat Roller	Lower Heat Roller	×1	250K	AR-505HR	
12	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	125K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
13	Drum Separation Pawl	Drum Separation Pawl ×2	×10	125K (×10)	AR-505DP	AR-505DP=AR-505EP (incl.2 pawls) ×10
14	Screen Grid	Screen Grid	×10	125K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
15	Charging Plate	Charging Plate	×10	125K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
16	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
17	Busing	Busing ×2	×10	250K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
18	Ozone Filter	Ozone Filter	×10	125K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
19	Ozone Filter 50	Ozone Filter 50	×10	125K (×10)	AR-505FL	AR-505FL= (AR-505JL) ×10
20	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10
21	Curl Adjustment Roller	Curl Adjustment Roller	×10	250K (×10)	AR-505KR	AR-505KR= (AR-505JR) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

D. Asia / Middle & South America

AR-250/280/281/285/286/335/336

					MODEL	NAME	
No.	ITEM	CONTENTS		LIFE	AR-280/285/ 335	AR-250/281/ 286/336	REMARKS
1	Drum	OPC Drum	×1	160K	AR-330DR	AR-336DR	
2	Developer (Black)	Developer (800g)	×10	80K (×10)	AR-330CD (AR330SD)	AR-336CD (AR-336SD)	AR-330CD = (AR-330SD) × 10 AR-336CD = (AR-336SD) × 10
3	Toner (Black)	Toner Cartridge (700g)	×10	17.5K (×10)	AR-330CT (AR-330ST)	AR-400CT (AR-400ST)	AR-330CT = (AR-330ST) × 10 AR-400CT = (AR-400ST) × 10
4	80K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×1 ×3 ×4 ×2 ×1 ×1	80K	AR-3	30KA	
5	160K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1 ×1	160K	AR-330KB		
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3			Cartridge for AR-FN1 Common with S55,S55 N
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12		Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
8	Cleaner Blade	Cleaner Blade	×10	80K (×10)	AR-3	30CB	AR-330CB= (AR-330BL) ×10
9	Upper Heat Roller	Upper Heat Roller	×1	160K	AR-3	30HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	80K (×10)	SF-2	16UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	160K (×10)		16HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	160K	AR-3	30HR	
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	80K (×10)	SF-2	40LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	80K (×10)	SF-240DP		SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	80K (×10)	AR-330SU		AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	80K (×10)	AR-3		AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-3	30TB	
18	Busing	Busing ×2	×10	160K (×10)	SF-2	40BU	SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	80K (×10)	AR-3	30FL	AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-3	30CL	AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-3	30MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

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9/29/1999

AR-405

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	180K	AR-400DM	
2	Developer (Black)	Developer (800g)	×10	90K (×10)	AR-400CD	AR-400CD = (AR-400SD) × 10
3	Toner (Black)	Toner Cartridge (700g)	×10	22K (×1)	AR-400CT	$AR-400CT = (AR-400ST) \times 10$
4	90K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×1 ×3 ×4 ×2 ×1 ×1	90K	AR-400KA	
5	180K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1 ×1	180K	AR-400KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1 Common with S55,S55 N
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12	Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
8	Cleaner Blade	Cleaner Blade	×10	90K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
9	Upper Heat Roller	Upper Heat Roller	×1	180K	AR-400HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	90K (×10)	SF-216UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	180K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	180K	AR-330HR	
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	90K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	90K (×10)	SF-240DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	90K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	90K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
18	Busing	Busing ×2	×10	180K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	90K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-330CL	AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

AR-505

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	250K	AR-500DR	
2	Developer (Black)	Developer (800g)	×10	250K (×10)	AR-500CD (AR500SD)	(AR-500SD) ×10 = AR-500CD
3	Toner (Black)	Toner Cartridge (700g)	×10	25K (×10)	AR-500CT (AR-500ST)	(AR-500ST) ×10 = AR-500CT
4	125K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit Cleaning Roller Upper CL Roller Unit	×1 ×3 ×4 ×2 ×1 ×1 ×1	125K	AR-505KA	
5	250K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear Curl Adjustment Roller	×1 ×1 ×1 ×1 ×1 ×1	250K	AR-505KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1/FN1N/FN3 Common with S55,S55 N
7	Cleaner Blade	Cleaner Blade	×10	125K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
8	Upper Heat Roller	Upper Heat Roller	×1	250K	AR-505HU	·
9	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	125K (×10)	AR-505UP	AR-505UP=AR-505TP (incl.4 pawls) ×10
10	Heat Roller Gear	Heat Roller Gear	×10	250K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
11	Lower Heat Roller	Lower Heat Roller	×1	250K	AR-505HR	
12	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	125K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
13	Drum Separation Pawl	Drum Separation Pawl ×2	×10	125K (×10)	AR-505DP	AR-505DP=AR-505EP (incl.2 pawls) ×10
14	Screen Grid	Screen Grid	×10	125K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
15	Charging Plate	Charging Plate	×10	125K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
16	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
17	Busing	Busing ×2	×10	250K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
18	Ozone Filter	Ozone Filter	×10	125K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
19	Ozone Filter 50	Ozone Filter 50	×10	125K (×10)	AR-505FL	AR-505FL= (AR-505JL) ×10
20	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10
21	Curl Adjustment Roller	Curl Adjustment Roller	×10	250K (×10)	AR-505KR	AR-505KR= (AR-505JR) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

8/6/1999 3 – 6

E. Middle East / Africa

AR-250/280/281/285/286/335/336

					MODEL	NAME	
No.	ITEM	CONTENTS		LIFE	AR-280/285/ 335	AR-250/281/ 286/336	REMARKS
1	Drum	OPC Drum	×1	160K	AR-330DM	AR-336DM	
2	Developer (Black)	Developer (800g)	×10	80K (×10)	AR-330LD (AR330DV)	AR-336LD (AR-336DV)	AR-330LD = (AR-330DV) × 10 AR-336LD = (AR-336DV) × 10
3	Toner (Black)	Toner Cartridge (700g)	×10	17.5K (×10)	AR-330LT (AR-330T)	AR-400LT (AR-400T)	$AR-330LT = (AR-330T) \times 10$ $AR-400LT = (AR-400T) \times 10$
4	80K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×1 ×3 ×4 ×2 ×1 ×1	80K	AR-3	30KA	
5	160K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1 ×1	160K	AR-330KB		
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11		Cartridge for AR-FN1 Common with S55,S55 N
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12		Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
8	Cleaner Blade	Cleaner Blade	×10	80K (×10)	AR-3	30CB	AR-330CB= (AR-330BL) ×10
9	Upper Heat Roller	Upper Heat Roller	×1	160K	AR-33	30HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	80K (×10)	SF-2	16UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	160K (×10)	SF-2	16HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	160K	AR-3	30HR	
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	80K (×10)	SF-2	40LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	80K (×10)	SF-24	40DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	80K (×10)	AR-3	30SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	80K (×10)	AR-3	30PU	AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-3	30TB	
18	Busing	Busing ×2	×10	160K (×10)	SF-24	40BU	SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	80K (×10)	AR-3	30FL	AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-3	30CL	AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-33	30MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

AR-405

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	180K	AR-400DM	
2	Developer (Black)	Developer (800g)	×10	90K (×10)	AR-400LD	$AR-400LD = (AR-400DV) \times 10$
3	Toner (Black)	Toner Cartridge (700g)	×10	22K (×1)	AR-400LT	$AR-400LT = (AR-400T) \times 10$
4	90K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit	×1 ×1 ×3 ×4 ×2 ×1 ×1	90K	AR-400KA	
5	180K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear	×1 ×1 ×1 ×1	180K	AR-400KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1 Common with S55,S55 N
7	Staple Cartridge	Staple Cartridge (SF-SC12)	×3	5K staples ×3	SF-LS12	Cartridge for AR-FN2 Common with S54 SF-LS12= (SF-SC12) ×3
8	Cleaner Blade	Cleaner Blade	×10	90K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
9	Upper Heat Roller	Upper Heat Roller	×1	180K	AR-400HU	
10	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	90K (×10)	SF-216UP	SF216UP=SF-216TP (incl.4 pawls) ×10
11	Heat Roller Gear	Heat Roller Gear	×10	180K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
12	Lower Heat Roller	Lower Heat Roller	×1	180K	AR-330HR	
13	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	90K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
14	Drum Separation Pawl	Drum Separation Pawl ×2	×10	90K (×10)	SF-240DP	SF240DP=SF-240EP (incl.2 pawls) ×10
15	Screen Grid	Screen Grid	×10	90K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
16	Charging Plate	Charging Plate	×10	90K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
17	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
18	Busing	Busing ×2	×10	180K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
19	Ozone Filter	Ozone Filter	×10	90K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
20	Copy Lamp	Copy Lamp	×10		AR-330CL	AR-330CL= (AR-330DL) ×10
21	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

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AR-505

No.	ITEM	CONTENTS		LIFE	MODEL NAME	REMARKS
1	Drum	OPC Drum	×1	250K	AR-500DM	
2	Developer (Black)	Developer (800g)	×10	250K (×10)	AR-500LD (AR500DV)	(AR-500DV) ×10 = AR-500LD
3	Toner (Black)	Toner Cartridge (700g)	×10	25K (×10)	AR-500LT (AR-500T)	(AR-500T) ×10 = AR-500LT
4	125K PM Kit	Cleaner Blade Charging Plate Unit Waste Toner Bottle Fusing Separation Pawl (upper) Fusing Separation Pawl (lower) Screen Grid Drum Separation Unit Cleaning Roller	×1 ×3 ×4 ×2 ×1 ×1	125K	AR-505KA	
5	250K PM Kit	Upper Heat Roller Lower Heat Roller Toner Receiving Seal DV Seal Heat Roller Gear Curl Adjustment Roller Upper CL Roller Unit	×1 ×1 ×1 ×1 ×1 ×1 ×1	250K	AR-505KB	
6	Staple Cartridge	Staple Cartridge (SF-SC11)	×3	5K staples ×3	SF-SC11	Cartridge for AR-FN1/FN1N/FN3 Common with S55,S55 N
7	Cleaner Blade	Cleaner Blade	×10	125K (×10)	AR-330CB	AR-330CB= (AR-330BL) ×10
8	Upper Heat Roller	Upper Heat Roller	×1	250K	AR-505HU	
9	Fusing Separation Pawl (upper)	Fusing Separation Pawl (upper) ×4	×10	125K (×10)	AR-505UP	AR-505UP=AR-505TP (incl.4 pawls) ×10
10	Heat Roller Gear	Heat Roller Gear	×10	250K (×10)	SF-216HG	SF216HG= (SF216JG) ×10
11	Lower Heat Roller	Lower Heat Roller	×1	250K	AR-505HR	
12	Fusing Separation Pawl (lower)	Fusing Separation Pawl (lower) ×2	×10	125K (×10)	SF-240LP	SF240LP=SF-240MP (incl.2 pawls) ×10
13	Drum Separation Pawl	Drum Separation Pawl ×2	×10	125K (×10)	AR-505DP	AR-505DP=AR-505EP (incl.2 pawls) ×10
14	Screen Grid	Screen Grid	×10	125K (×10)	AR-330SU	AR-330SU= (AR-330TU) ×10
15	Charging Plate	Charging Plate	×10	125K (×10)	AR-330PU	AR-330PU= (AR-330NU) ×10
16	Waste Toner Bottle	Waste Toner Bottle	×1		AR-330TB	
17	Busing	Busing ×2	×10	250K (×10)	SF-240BU	SF-240BU= (SF-240DU) ×10
18	Ozone Filter	Ozone Filter	×10	125K (×10)	AR-330FL	AR-330FL= (AR-330JL) ×10
19	Ozone Filter 50	Ozone Filter 50	×10	125K (×10)	AR-505FL	AR-505FL= (AR-505JL) ×10
20	MC Unit	MC Unit	×10		AR-330MC	AR-330MC= (AR-330NC) ×10
21	Curl Adjustment Roller	Curl Adjustment Roller	×10	250K (×10)	AR-505KR	AR-505KR= (AR-505JR) ×10

Note: Maintenance parts other than mentioned above must be ordered through the parts department using the proper part number.

8/6/1999 3 – 8

2. Copy paper

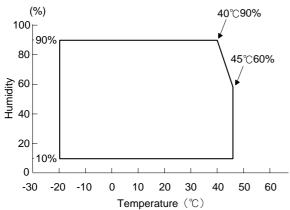
The following conditions for copy quality and transportability of PPC paper must be satisfied. The values are at temperature of 20 $\pm\,1^\circ\text{C}$ and 65 $\pm\,2\%$ RH.

Item	Standard
Weight	56 ~ 80g/m ²
Smoothness	Face: 20 sec or above (BEKK method) Back: 20 sec or above (BEKK method)
Rigidness	Length 17cm or above, width 13cm or above (CLARK method)
Thickness	75 ~ 110μ
Dimensions	Standard dimensions \pm 1mm (5/128") B4 (257 \pm 1 \times 364 \pm 1mm) B5 (182 \pm 1 \times 257 \pm 1mm) B6 (128 \pm 1 \times 182 \pm 1mm) A3 (297 \pm 1 \times 420 \pm 1mm) A4 (210 \pm 1 \times 297 \pm 1mm) A5 (148 \pm 1 \times 210 \pm 1mm) A6 (105 \pm 1 \times 148 \pm 1mm) 11" \pm 5/128 \times 17" \pm 5/128 inch 8.5" \pm 5/128 \times 14" \pm 5/128 inch 8.5" \pm 5/128 \times 11" \pm 5/128 inch 5.5" \pm 5/128 \times 8.5" \pm 5/128 inch 8.5" \pm 5/128 \times 13" \pm 5/128 inch 8.5" \pm 5/128 \times 13" \pm 5/128 inch

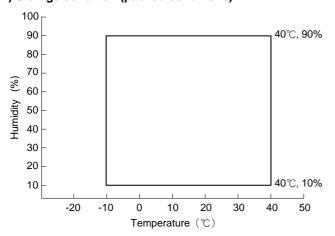
3. Environment conditions

A. Transport conditions

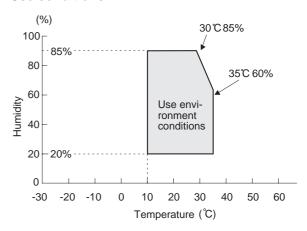
1) Transport condition



2) Storage condition (packed conditions)



B. Use conditions



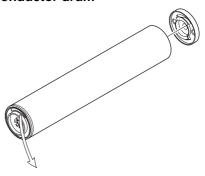
C. Life (packed conditions)

Photoconductor drum (36 months from the production month)

Developer, toner (24 months from the production month)

4. Production number identification

A. Photoconductor drum



<TYPE A>

3 - 9

1	2	3	4	5	6	7	8	9	10

	AR-280/285/335	AR-250/281/286/ 336/405						
1	Numeral	AN-230/201/200/ 330/403						
•	The sensitivity of the photo conductor.							
2	Alphabet The model code, "C" for this model.	Alphabet The model code, "D" for this model.						
3	Numeral The last digit of the production year.							
4	Numeral or X, Y, Z The production month. X means October, Y November, and Z December.							
5, 6	Numeral The production day							
7	Numeral or X, Y, Z The packing month. X stands October, Y November, and Z December.							
8, 9	Numeral The packing day.							
10	Alphabet The division of the production factory.							

8/6/1999



<TYPE B> (AR-280/285/335/501/505)

					1	1				
I	1	2	3	4	5	6	7	8	9	10

ı		3	4	5	О	- /	0	9	10			
1		Numeral This function: "2"										
2, 3	The	Alphabet The applicable model. PC (AR-280/285, 335), PH (AR-505) for this model.										
4		Numeral The last digit of the production year.										
5	The	Numeral or X, Y, Z The production month. X stands for October, Y November, and Z December.										
6		Numeral The production lot.										
7		Numeral The distinction of sub lot.										
8	The	Numeral or X, Y, Z The packing month. X stands for October, Y November, and Z December.										
9, 10	Num The	neral packin	g day.									
11			alphab t name		drum.	(except	AR-50)1/505)				

B. Developer/Toner

AR-280/285/335

	1	2	3	4	5	6	_	7
--	---	---	---	---	---	---	---	---

1, 2, 3	Numeral The production lot.
4	Numeral The distinction of sub lot.

AR-405/501/505

<Developer>

1	2	3	4	5	6	7	8

1	Alphabet The manufacturing factory.
2	Figure The end digit of the production year.
3, 4	Figures The production month.
5, 6, 7, 8	Figures The manufacturing factory management number

<Toner>

1	2	3	4	5	6	7	8

1	Numeral The last digit of the production year.
2	Numeral or alphabet The first digit of the serial No.
3, 4, 5, 6, 7	Numeral Serial No. of one month production
8	Numeral or alphabet The production month.

AR-250/281/286/336

<Developer>

	1	2	3	4	5	6	7	8	
--	---	---	---	---	---	---	---	---	--

1	Alphabet The manufacturing factory.
2	Numeral The last digit of the production year.
3, 4	Numeral The production month.
5, 6, 7	Numeral The last 3 digits of 4-digit production lot number of developer.
8	Numeral Distincts the production lot every 100 cases.

<Toner>

None

<Example>

C9112102 C The manufacturing factory
9 The year is 1999.
11 The production month is November.
210 The production lot number is 1210.
2 This lot is between 101th case and 200th case production this month.

8/6/1999 3 – 10

[4] INSTALLATION AND SETUP

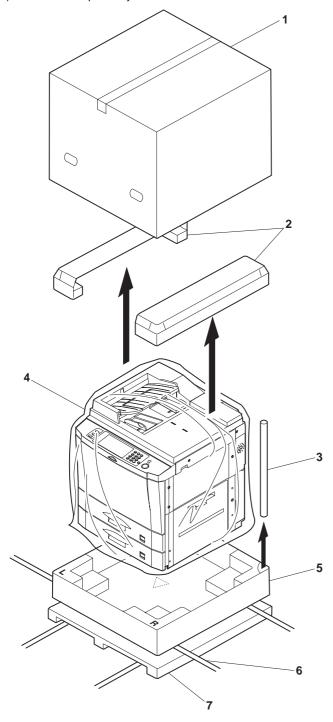
(Copier installation)

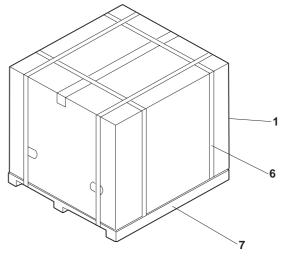
1. Unpacking procedures

(1) Packing form

Unpack the copier package in the following procedures.

- 1) Remove the PP bands (4 pcs.).
- 2) Remove the packing case.
- 3) Remove the internal packing pad.
- 4) Remove the copier body.



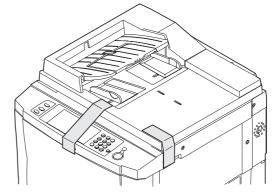


1	Packing case
2	Top pad
3	Support
4	Copier body
5	Bottom case
6	PP band
7	Skid unit

(2) Protection material and fixing material removal

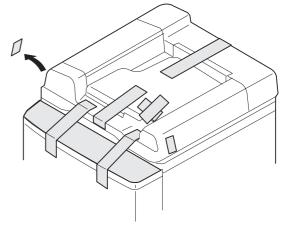
1) Remove the fixing tape of the copier body.

In the case of SPF



In the case of RADF

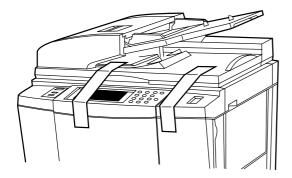
4 – 1

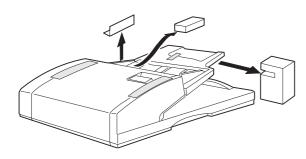


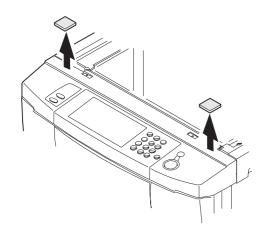
8/6/1999



In the case of RSPF

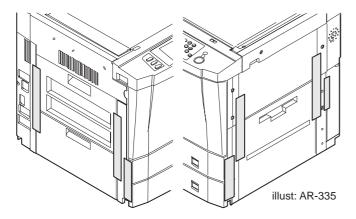






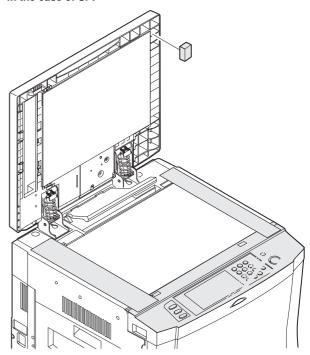
• Paper exit side

• Paper feed side

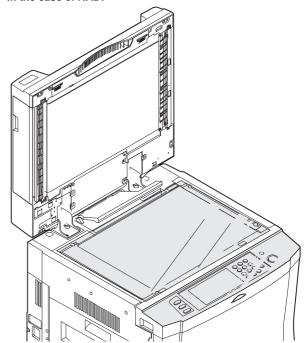


2) Remove the protection material and protection sheet.

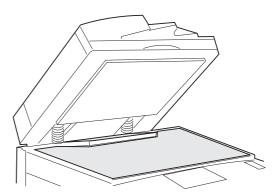
In the case of SPF



In the case of RADF



In the case of RSPF



8/6/1999 4 – 2

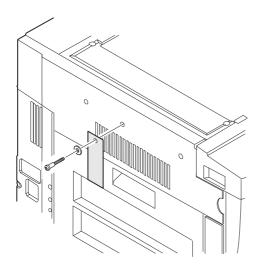
2. Installing procedure

(1) Copier body

A. Optical system lock release

1) Release the No. 2/3 mirror unit lock.

Remove the fixing screw (1 pc.) of the No. 2/3 mirror unit on the left side.

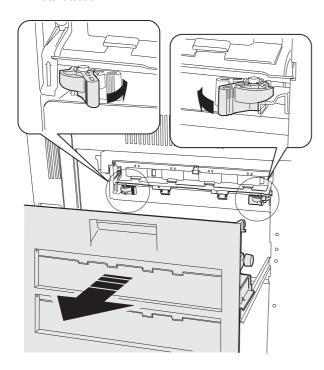


B. Fusing unit

Heat roller pressure check

- 1) Pull out the tray paper exit unit from the copier.
- Check that the heat roller is in pressing state. (Factory setting: The heat roller is set in pressing state before shipment.)

AR-280/285/335



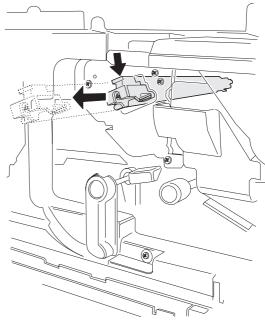
AR-250/281/286/336/405/501/505

Since the pressure lever is not installed, there is no need to check.

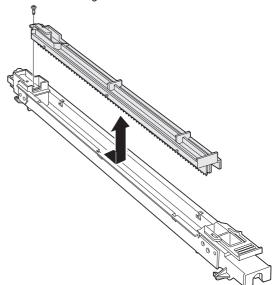
C. Charger cleaning

Main charger unit electrode cleaning

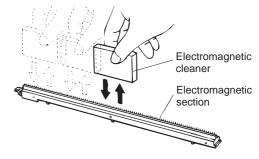
- 1) Open the front cabinet
- Press the hook section of the main charger unit to release lock.Pull out and remove the main charger unit from the copier body.



3) Remove the fixing screw (1 pc.) of the electrode section on the back of the main charger unit.



4) Push the electrode cleaner onto the electrode tip so that the electrode tip comes into the electrode cleaner to clean. (repeat two or three times.)



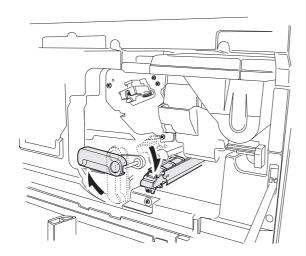
Note: Do not move the electrode cleaner with the electrode tip in it. When cleaning, clean all the electrodes evenly.

4 – 3 8/6/1999

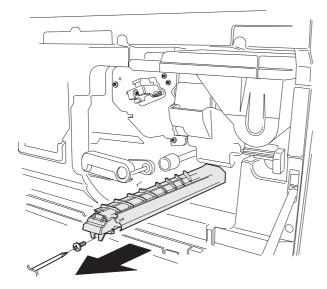
- 5) Install the electrode to the original position and fix with the fixing screw (1 pc.).
- 6) Insert the main charger unit completely into the copier along the guide groove.

Transfer/separation charger unit wire cleaning

 Slightly lift the transport section open/close lever and tilt it to the right.

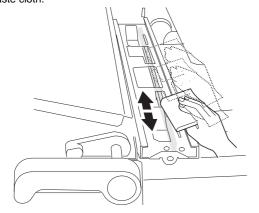


Remove the driver transfer separation charger fixing screw, and remove the transfer/separation charger unit from the copier body.

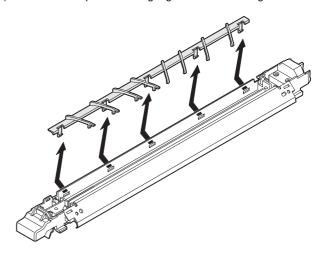


AR-501/505: Perform the following procedure if necessary.

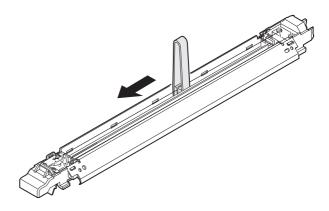
After removing the TC charger in procedure 2), wipe the lamp which can be seen from the square hole of the TC guide rail with waste cloth.



3) Remove the separation charger guide from the charger case.



4) Squeeze the transfer/separation charger wire with the charger cleaner, and move it in the direction of the arrow which is indicated on the charger to clean.

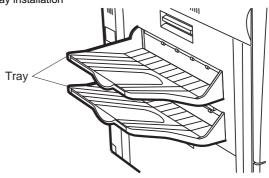


 Install the separation charger to the charger case, and insert the transfer/separation charger unit along the guide groove completely to the bottom.

Then, tighten the transfer/separation charger fixing screw, return the transport section open/close lever to the left, and close the front cabinet.

D. Accessory installation

1) Tray installation



illust: AR-335

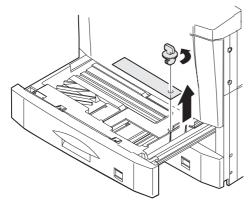
8/6/1999 4 –

E. Upper and lower trays setting

1) Remove the tray packing fixing screw.

Lift the tray holder, and pull out the tray from the copier body until it stops.

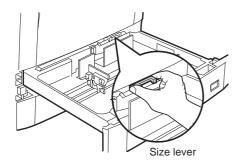
Remove the packing fixing screw (1 pc.) of the tray paper pressing plate.



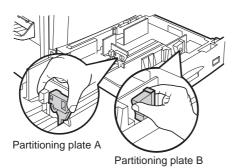
F. Paper size change

1) Fit the tray size lever to the size of paper to be used.

(The size lever is of the slide type. Slide it right and left to fit with the size of paper to be used.)

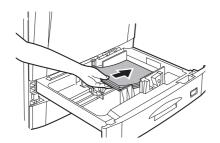


2) Fit the partitioning plates A and B to the paper size.

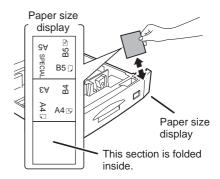


3) Put paper on the tray.

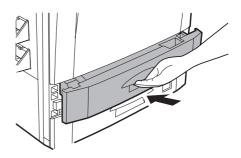
Set paper on the tray. At that time, do not exceed the indication line.



4) Change the display of the paper size display.



5) Install the tray.

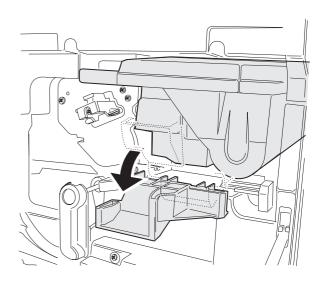


Note: Push the tray completely to the bottom.

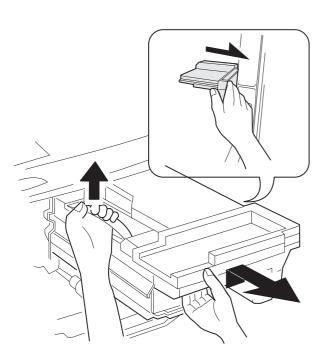
G. Developing unit setting

(1) Remove the developing unit

- 1) Open the front cabinet.
- 2) Tilt the developing unit lever toward you, and pull out the toner cartridge until it stops.



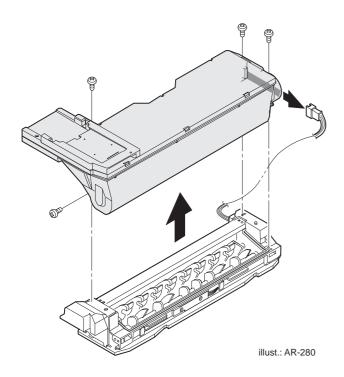
 Slide the developing unit lock lever in the arrow direction to release lock. Hold the toner cartridge holder and slowly pull out the developing unit until it stops.



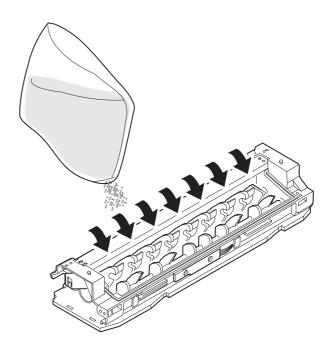
4) Hold the developing unit strap, slide the developing unit lock lever in the arrow direction again to release lock, and remove the developing unit.

(2) Supply developer.

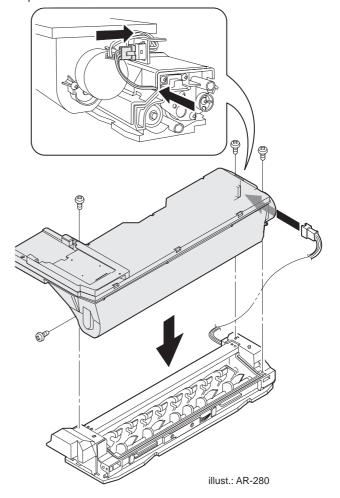
 Disconnect the 5P connector which connects the toner hopper and the developing unit. Then remove the toner hopper fixing screws (4 pcs.) of the developing unit.



2) Supply developer from the developer supply port of the developing unit.



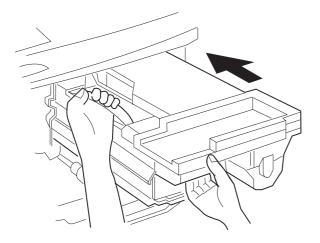
3) Fix the toner hopper to the developing unit with the fixing screws (4 pcs.) and connect the 5P connector between the toner hopper and the developing unit. At that time, put the 5P connector harness in the harness clamp attached to the toner hopper, and process the harness.



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(3) Install the developing unit to the copier body.

Install the developing unit to the copier body and push it into the body completely. Close the developing unit lever and the front cabinet.



Note: Be careful that this procedure is different from the conventional simulation.

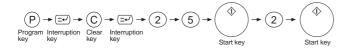
H. Toner density sensor level adjustment

Turn on the power switch of the copier.

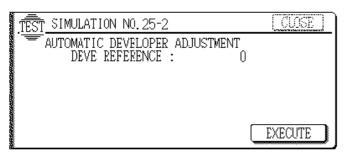
Note: Before executing SIM 25-1 or SIM 25-2, be sure to check that the main charger unit is securely inserted.

(1) Adjust the developing unit toner density sensor level.

1) Execute SIM 25-2



2) The touch panel shows the following display.



Touch the EXECUTE on the touch panel and execute SIM 25-2.

3) Adjustment is automatically made with the toner density sensor output value displayed. After 3 min from starting stirring, the toner density sensor is sampled 16 times and the average value is stored as the toner density adjustment value.

Note: When the simulation is canceled before completion, automatic reading cannot be made. Be careful not to cancel before completion.

4) Press the [CA] key to cancel SIM 25.

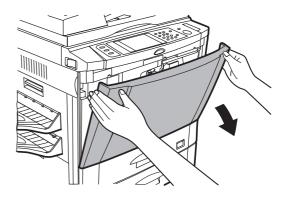
Note: SIM 25-2 must be executed only when developer is replaced. For checking of the developer adjustment value in servicing, use SIM 25-1. (Use of SIM 25-2 to check the developer adjustment value in servicing may cause abnormality in the toner density transition.)

Be careful that this simulation is different from the conventional simulations.

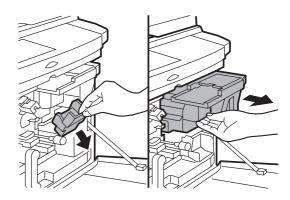
I. Toner supply

(1) Supply toner.

1) Open the front cover.

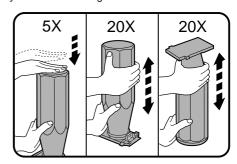


2) Tilt the toner box lever toward you, and pull out the toner box.



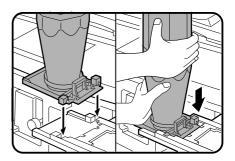
Tap the top of the toner cartridge several times, and shake the toner cartridge vertically about 20 times.

Turn the toner cartridge upside down, and vigorously shake it vertically about 20 times again.



4) Attach the toner cartridge to the toner box.

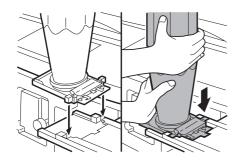
In the case of AR-501/505



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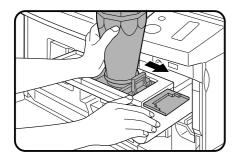
In the case of other models



Insert two projections of the toner cartridge into the notches of the toner supply port.

5) Move the toner cartridge in the arrow direction until it stops.

In the case of AR-501/505



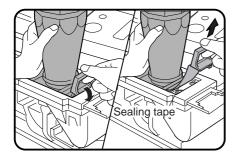
In the case of other models



6) In the case of AR-501/505

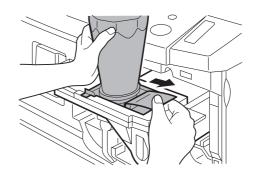
Pull the lever in the direction of the arrow until it breaks off.

Then pull the lever in the direction of the arrow to remove the



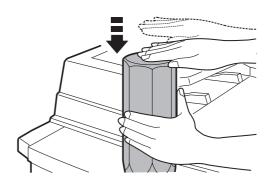
In the case of other models

Take off the seal end and slowly remove it.



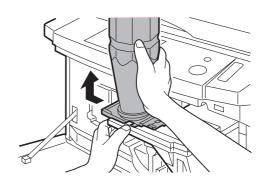
When removing the seal, hold and fix the toner cartridge.

7) Tap the top of the toner cartridge several times.

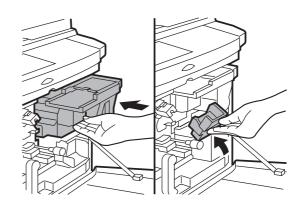


This is to shake off toner attached to the side surface of the toner cartridge.

8) Move the empty toner cartridge in the arrow direction and remove it.

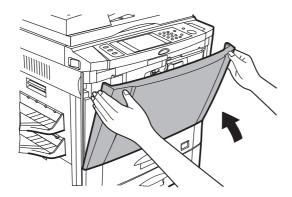


9) Push the toner box to the original position, and put the toner box lever to the original position.



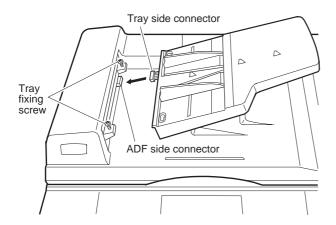
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10) CLose the front cabinet.



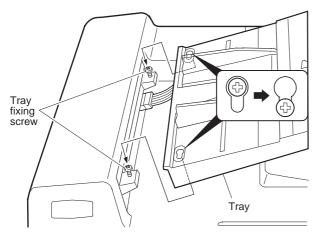
J. Connect the tray connector for RADF

* Temporarily fix tray fixing screw (M4 x 8), and connect the RADF connector with the tray connector.



K. Install the tray

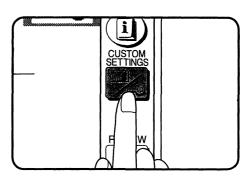
* Install the tray as shown in the figure below, and tighten the fixing screws (2 pcs.).



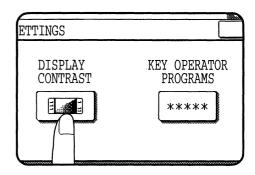
L. Others

(1) Touch panel contrast adjustment

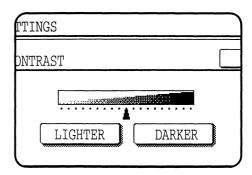
1) Press the CUSTOM SETTINGS key.



2) Press the "DISPLAY CONTRAST" key on the touch panel.

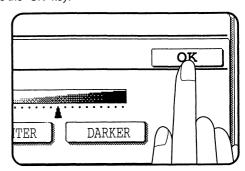


3) Press the "LIGHTER" or "DARKER" key to adjust the contrast.



4) Press the "OK" key.

4 – 9

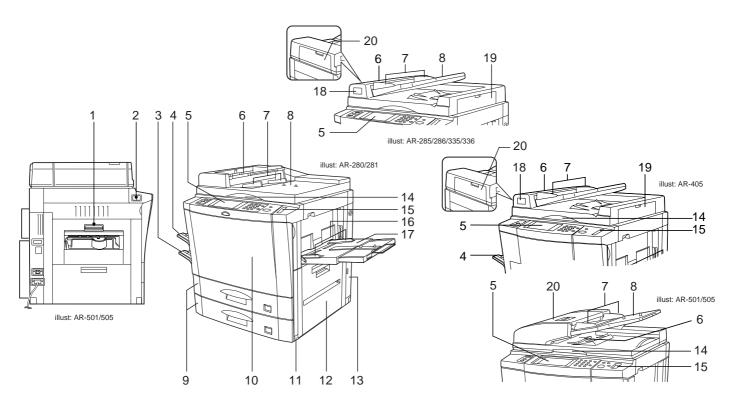


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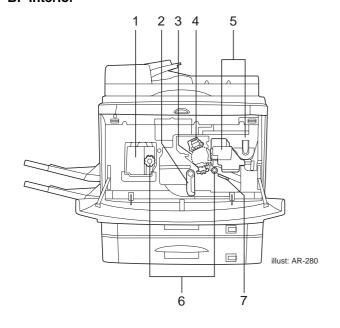
[5] EXTERNAL VIEW AND INTERNAL STRUCTURE

A. Exterior



1	Exit area cover	8	Document feeder tray	15	Paper clip tray
2	Power switch	9	Paper trays	16	Bypass tray paper guides
3	Second tray	10	Front cover	17	Bypass tray
4	Output tray	11	Handles	18	Document feeder indicators
5	Operation panel	12	Right side cover	19	RADF exit roller cover
6	SPF/RADF/RSPF exit area	13	Toner collecting container cover	20	RADF/RSPF feeding roller cover
7	Original guides	14	Document glass		

B. Interior

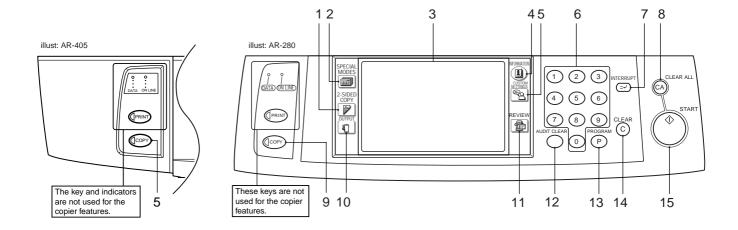


1	Fusing unit
2	Transport lever
3	Photoconductive drum
4	Corona unit
5	Toner hopper
6	Roller rotating knobs
7	Paper guide

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C. Operation Panel

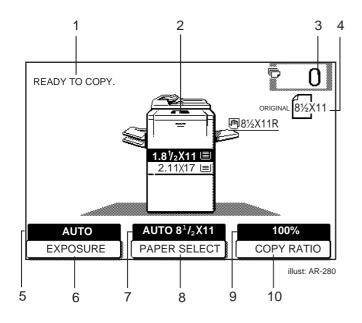
(1) Key position



1	2-SIDED COPY key	9	COPY key
2	SPECIAL MODES key	10	OUTPUT key
3	LCD touch panel	11	REVIEW key
4	INFORMATION key	12	AUDIT CLEAR key
5	CUSTOM SETTINGS key	13	PROGRAM key
6	10-key pad	14	Clear key
7	INTERRUPT key and indicator	15	START key and indicator
8	CLEAR ALL key		

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(2) Touch Panel



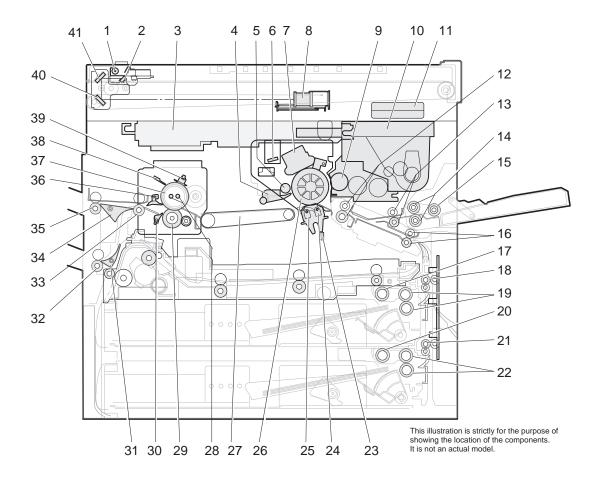
1	Message display
2	Paper size display
3	Copy quantity display
4	Original size display
5	EXPOSURE display
6	EXPOSURE key
7	PAPER SELECT display
8	PAPER SELECT key
9	COPY RATIO display
10	COPY RATIO key

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2. Copier body

A. Major parts

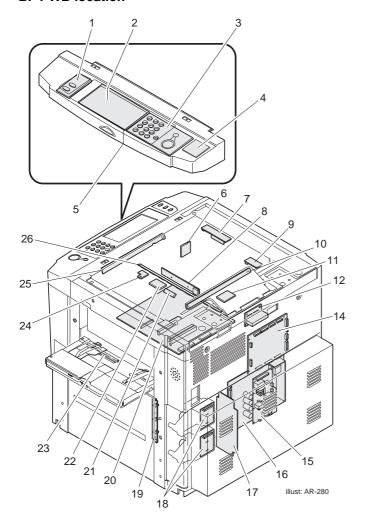


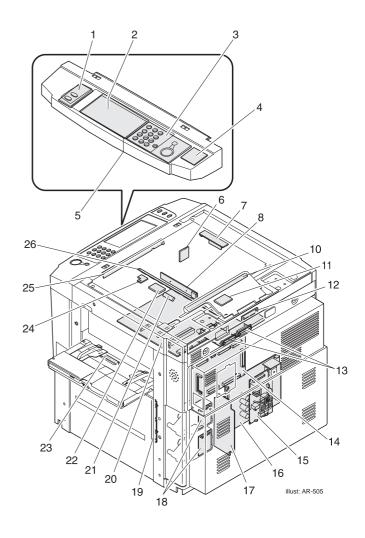
No.	Name
1	Copy lamp
2	No. 1 mirror
3	Laser scanning unit
4	Drum separation pawl
5	Waste toner collecting screw
6	Discharge lamp
7	Main charger
8	CCD unit
9	Developing unit magnet roller
10	Toner hopper
11	Hard disk
_ · · ·	Trans aren
12	Resist roller
13	Paper transport roller
14	Manual paper feed tray separation roller
15	Manual paper feed tray paper feed roller
16	Paper transport roller
17	Upper tray paper feed roller
18	Paper transport roller 3
19	Upper tray paper separation roller
20	Lower tray paper feed roller
21	Paper transport roller 4

	,
No.	Name
22	Lower tray paper separation roller
23	Separation lamp
24	Transfer charger
25	Separation charger
26	OPC drum
27	Suction belt
28	Fusing heater lamp (Outside/inside)
29	Lower fusing roller
30	Lower fusing roller separation pawl
31	Lower paper exit tray gate (AR-280/285/335/501/505 only)
32	Paper exit roller 3 (AR-280/285/335 only)
33	Paper exit roller 1
55	(Curl correction roller for AR-501/505)
34	Upper paper exit tray gate
35	Paper exit roller 2
36	Upper fusing roller separation pawl
37	Upper fusing roller
38	Thermistor (Outside/inside)
39	Thermostat
40	No. 3 mirror
41	No. 2 mirror

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B. PWB location





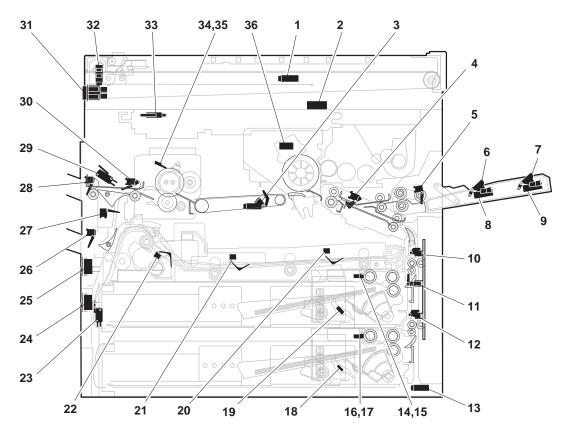
No.	Name	Function, operation
1	Operation key PWB L	Key input
2	LCD unit	Operation input, machine state display
3	Operation key PWB R	Key input
4	Invertor PWB	LCD backlight control
5	Operation control PWB	Operation input, display control
6	Fusing interface PWB	Fusing unit, PCU interface
7	Copy lamp lighting PWB	Copy lamp lighting control
8	CCD PWB	Document image input
9	Copy lamp lighting interface PWB	Copy lamp, PCU interface
10	Document size detecting PWB (Light emitting side)	Document size detection
11	Interface PWB	Interface between the copy lamp and the PCU
12	Scanner driver PWB	Optical system scanner unit drive
13	SCSI interface PWB	Interface between the ICU and the SCSI cable

	T	
No.	Name	Function, operation
14	PCU PWB	Overall control of the copier and options
15	AC power PWB	AC power input
16	DC power PWB	DC power supply
17	High voltage PWB	Process high voltage, bias voltage supply
18	Lift-up motor PWB	Paper tray bottom plate lift up
19	Paper transport sensor PWB	Paper transport detection
20	ICU PWB	Image process, image data communication control
21	Process thermistor PWB	Temperature detection in the process unit
22	Drum marking sensor PWB	
23	Multi feed tray paper size detection PWB	Document size detection
24	Process control PWB	
25	Document size detecting PWB (Light receiving side)	Document size detection
26	Discharge lamp PWB	OPC drum discharge

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C. Sensor location



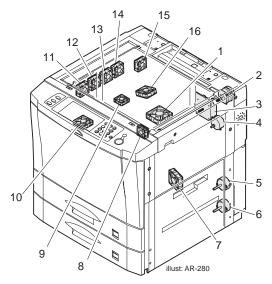
This illustration is strictly for the purpose of showing the location of the components. It is not an actual model.

	I		
No.	Signal name	Function, operation	
1	ocsw	Document cover open/close detection	
2	Operation PWB thermistor	Operation PWB peripheral temperature detection	
3	PSD	Separation detection	
4	PPD2	PS paper detection	
5	MPED	Manual paper feed paper empty detection	
6	MPLD1	Manual paper feed paper length detection 1	
7	MPLD2	Manual paper feed paper length detection 2	
8	MPLS1	Manual paper fed tray pull-out detection 1	
9	MPLS2	Manual paper feed tray pull-out detection 2	
10	PPD1	Paper transport detection 1	
11	DSWR	Right door open/close detection	
12	PFD	Paper transport detection 1	
13	TFD	Waste toner full warning detection	
14	LUD1	Upper cassette upper limit detection	
15	PED1	Upper cassette paper empty detection	
16	LUD2	Lower cassette upper limit detection	
17	PED2	Lower cassette paper empty detection	
18	LCSPD1	No. 2 tray paper remaining detection 1	
19	UCSPD1	No. 1 tray paper remaining detection 1	
20	DPPD3	ADU tray paper in detection 3	
21	DPPD2	ADU tray paper in detection 2	

No.	Signal name	Function, operation	
22	DPPD1	ADU tray paper in detection 1	
23	DSWLL	Left lower door open/close detection	
24	DH SW	Dehumidifier heater switch	
25	MEM SW	Memory switch	
26	POD3	Paper exit detection (Second paper exit)	
27	DSBD	ADU reverse section detection	
28	POD2	Paper exit detection (ADU)	
29	DSWL	Left upper door open/close detection	
30	POD1	Paper exit detection (after fusing)	
31	MAIN SW	Power switch	
32	MHPS	No. 1 mirror home position detection	
33	DSWF	Front cover open/close detection	
34	Fusing section thermistor (Center)	Heat roller temperature detection	
35	Fusing section thermistor (Sides)	Heat roller temperature detection	
36	Process section thermistor	Process section peripheral temperature detection	

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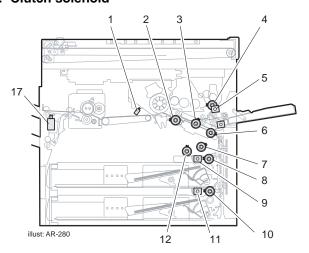
D. Motor location



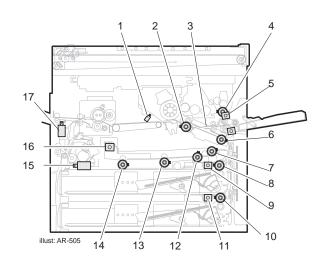
No.	Abbreviation	Name Type		
1	SFM	Suction fan motor Fan motor		
2	SCM	Scanner motor	Stepping motor	
3	MM	Main motor	Brushless motor	
4	TM	Toner motor	Synchronous motor	
5	LUM1	Upper stage lift-up motor	Synchronous motor	
6	LUM2	Lower stage lift-up motor Synchronous motor		
7	DCFM	Power fan motor	Fan motor	
8	ICUFM	ICU fan motor Fan motor		
9	LSUFM	LSU fan motor Fan motor		
10	PCFM	Process fan motor Fan motor		

No.	Abbreviation	Name	Туре
11	VFM1	Exhaust fan motor 1	Fan motor
12	VFM2	Exhaust fan motor 2	Fan motor
13	VFM4	Exhaust fan motor 4	Fan motor
14	VFM5	Exhaust fan motor 5	Fan motor
15	VFM3	Exhaust fan motor 3	Fan motor
16	VFM6	Exhaust fan motor 6	Fan motor
17	VFM8	Exhaust fan motor 8 Fan motor	
18	FSM	Fusing motor	Brushless motor
19	VFM7	Exhaust fan motor 7	Fan motor
20	POM	Paper exit motor	Stepping motor
21	DSBM	Reverse motor	Stepping motor
22	DASM	Alignment motor	Stepping motor

E. Clutch solenoid



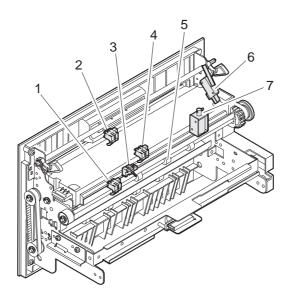
No.	Abbreviation	Function, operation	
1	PSPS	Paper separation solenoid	
2	RRC	Resist roller clutch	
3	MTRC	Transport roller clutch (low)	
4	MPFC	Manual paper feed clutch	
5	MPFS	Manual paper feed solenoid	
6	TRC2	Paper transport clutch	
7	TRC1H	Vertical transport roller/paper feed roller high clutch	
8	CPFC1	Upper stage cassette paper feed clutch	
9	CPFS1	Upper cassette paper feed solenoid	



No.	Abbreviation	Function, operation
10	CPFC2	Lower cassette paper feed clutch
11	CPFS2	Lower cassette paper feed solenoid
12	TRC1L	Vertical transport roller/paper feed roller low clutch
13	DTC2	Transport clutch 2
14	DTC1	Transport clutch 1
15	DSBS	Selection of paper exit to the lower stage of the 2-tray paper exit unit and the reverse route
16	DSCS	Selection of paper retaining and transport in paper reversion
17	OGS	Two-stage paper exit tray solenoid

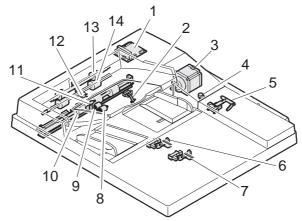
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F. 2-tray paper exit unit



No.	Code	Name	Type	Function and operation
1	POD3	Paper exit detector (Lower stage)	Photo transmission	Detection of paper exit to the lower tray
2	POD2	Paper exit detector (Upper stage)	Photo transmission	Detection of paper exit to the upper tray
3	DSBD	ADU reverse detector	Photo transmission	Detection of reversed paper to the duplex module
4	POD1	Paper exit detector	Photo transmission	Detection of paper exit
5	_	Paper exit roller	_	Paper exit from the tray
6	DSWL		Micro switch	Detection of open and close for paper exit unit
7	DGS	Reverse gate solenoid	Solenoid	Selection of paper exit to the lower tray or to the duplex module

G. SPF (AR-280/281 only)

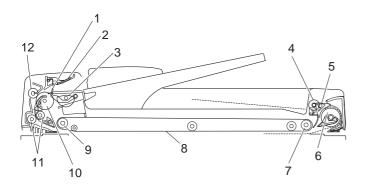


No.	Code	Name	Туре	Function and operation
1	_	SPF control PWB	_	_
2	EMPS	Document detector	Photo transmission	Tray document empty detection
3	DTM	Paper feed/transport motor	Stepping motor	Tray document feed/transport/exit roller drive
4	DWVR	Document width sensor	Variable resistor	Tray document width detection
5	OPCLS	Cover open/close detector	Photo transmission	SPF cover open/close detection
6	SIZ2	Document length detector (Small)	Photo transmission	Tray document length detection (for short size)
7	SIZ1	Document length detector (Large)	Photo transmission	Tray document length detection (for long size)
8	_	Document pickup roller	_	_
9	_	Document feed roller	_	_
10	_	Document resist roller	_	_
11	REGS	Resist sensor	Photo transmission	Tray document rear edge detection
12	POS	Document exit sensor	Photo transmission	Tray document exit detection
13	_	Document transport roller	_	_
14	_	Document exit roller	_	_

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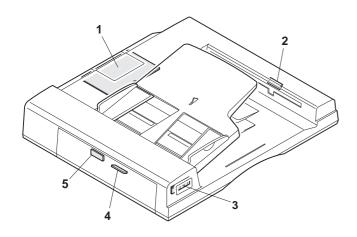
H. RADF (AR-285/286/335/336/405 only)

1) Main parts



No.	Function, operation	
1	Original stopper	
2	A21 weight plate	
3	Semi-circular roller	
4	Paper exit roller	
5	Flapper	
6	Reverse roller	
7	Transport belt follower roller	
8	Original transport belt	
9	Transport belt drive roller	
10	Paper feed roller	
11	Resist roller	
12	Separation roller	

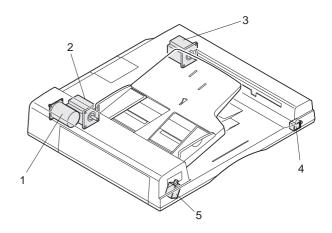
2) PWB distribution



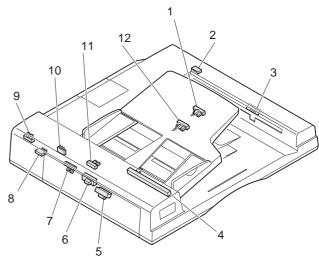
No.	Name	Function, operation
1	Control PWB	RADF unit control, PCU communication
2	Reverse sensor PWB	Document reverse detection
3	LED PWB	Document feed, document remaining display
4	Original timing sensor PWB	Document timing detection
5	Original reverse sensor PWB	Document feed detection

3) Motors, solenoids, and clutches

No.	Code	Name	Type
1	DFM	Paper feed motor	DC motor
2	DTM	Transport motor	Stepping motor
3	DRM	Reverse motor	Stepping motor
4	DRSOL	Reverse solenoid	DC solenoid
5	DFSOL	Paper feed solenoid	DC solenoid



4) Sensors, switches, detectors

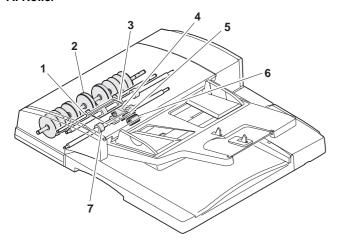


No.	Code	Functions and operations		
1	DLS2	Original length detection on the tray (Inch series only)		
2	TGOD	Reverse cover open/close detection		
3	RDD	Turns HIGH when the original lead edge is transported to the reverse/paper exit path.		
4	DWVR	Original width detection on the tray		
5	DTD	Turns HIGH when the original lead edge is transported from the paper feed section to the vicinity of the transport belt.		
6	DFD	Turns HIGH when the original lead edge is fed just in front of the resist roller.		
7	DWS	Original width detection		
8	FGOD	Paper feed cover open/close detection		
9	DFMRS	Paper feed motor rotation detection		
10	AUOD	ADF unit open/close detection		
11	DSS	Original detection on the tray		
12	DLS1	Original length detection on the tray		

5 – 8

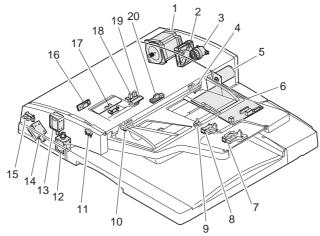
I. RSPF (AR-501/505 only)

A. Roller



No.	Name
1	Paper exit roller
2	Read roller
3	Resist roller
4	Paper feed roller
5	Separation pad
6	Pickup roller
7	SB roller

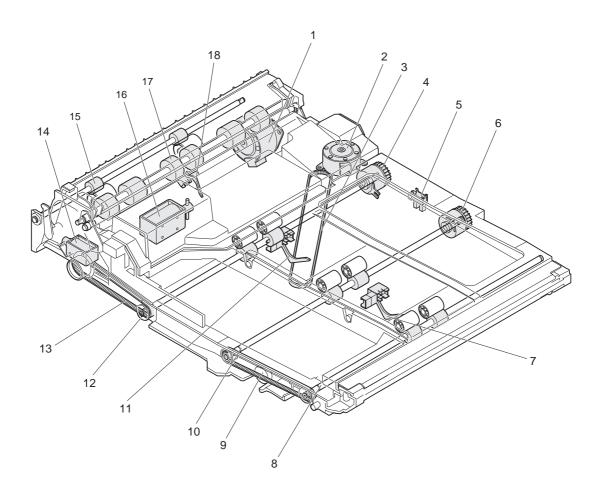
B. Sensor, switch, solenoid, motor



No.	Code	Name	Туре	Function and operation
1	FMOT	Transport motor	Stepping motor	Transport and document read motor
2	DCFAN	Fan motor	_	Transport motor cooling fan
3	ACL	Paper feed clutch	_	Document feed clutch
4	MCLKS	DCMCLK	Photo transmission	DC motor encoder sensor
5	AMOT	Paper feed motor	DC motor	Document feed motor
6	PBA-CONTROL	Control PWB	_	RSPF control PWB
7	TRS-L	Tray sensor L	Photo transmission	Document tray longitudinal direction sensor
8	TRS-S	Tray sensor S	Photo transmission	Document tray traverse direction sensor
9	TRVR	Size volume		Document tray width direction detection volume
10	EMPS	Empty sensor	Photo transmission	Document sensor set on the document tray
11	JAMOPEN	Jam open switch	_	RSPF jam cover open/close detection
12	SBSOL	Pressure solenoid		Reversing path document pressure solenoid
13	FLPSOL2	Flapper solenoid 2	_	Read roller and document exit select solenoid
14	FLPSOL1	Flapper solenoid 1	_	Reversing path and read roller select solenoid
15	DFOPEN	DFOPENF	Photo transmission	RSPF open sensor
16	RDS	Read sensor	Reflection	Document read timing sensor
17	REJI	Resist sensor	Photo transmission	Paper feed resist timing sensor
18	EXITS	Paper exit sensor	Photo transmission	Document exit sensor
19	SBS	SB sensor	Reflection	Reversing path document sensor
20	SPS	Post-separation sensor	Reflection	Feeding document size sensor

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J. ADU (AR-285/335/505 only)



No.	Code	Name	Туре	Function and operation
1	_	Reverse motor	Pulse motor	Paper reversion and transport drive
2	_	Alignment motor	Pulse motor	Paper alignment plate drive
3	_	Alignment belt (232MXL)	_	Paper transport
4	DTC1	Transport clutch 1	Electromagnetic clutch	_
5	_	Alignment plate home position detector	Photo transmission	Alignment plate home position detection
6	DTC2	Transport clutch 2	Electromagnetic clutch	_
7	DPPD3	Paper in detector 3	Photo transmission	ADU tray paper in detection
8	_	Transport roller 3	_	ADU tray paper transport
9	_	Transport belt (145MXL)	_	Transport roller drive
10	_	Transport roller 2	_	ADU tray paper transport
11	DPPD2	Paper in detector 2	Photo transmission	ADU tray paper in detection
12	_	Transport roller 1	_	ADU tray paper transport
13	_	Belt B	_	Transport roller drive
14	DSBS	Paper exit/reverse gate solenoid	Solenoid	Selection of paper exit to the lower stage of the 2-tray paper exit unit and the reverse route
15	_	Reverse roller	_	Selection of paper retaining and transport in paper reversion
16	DSCS	Contact/detach solenoid	Solenoid	Selection of paper storing and transport in ADU tray
17	_	Transport roller	_	Paper transport
18	DPPD1	Paper in detector 1	Photo transmission	ADU tray paper in detection

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[6] SETTING AND ADJUSTMENTS

1. List of adjustment items

Section		Adjustment item	Adjustment
A. Process (1)		Developing doctor gap	procedure
	(2)	adjustment MG roller main pole position adjustment	MG roller main pole position adjustment
	(3)	Developing bias voltage adjustment	SIM8-1/44-15
	(4)	Main charger grid voltage adjustment	SIM8-2/44-15
	(5)	Transfer charger adjustment	SIM8-6
	(6)	Separation charger bias voltage adjustment	SIM8-7
	(7)	Photoconductor marking sensor sensitivity (gain) adjustment	SIM44-2
		Image density sensor sensitivity (gain) adjustment SIM44-2	SIM44-2
	(8)	Toner concentration adjustment (auto developer adjustment)	SIM25-2
B. Laser scanner (exposure)	(1)	Horizontal image distortion adjustment	LSU lever adjustment
	(2)	Print off-center adjustment	SIM50-10
	(3)	Laser power setting (copier mode)	SIM61-2/44-15 SIM61-4 Printer mode
C. Scanner	(1)	Vertical image distortion balance adjustment	Copy lamp unit installing position adjustment
	(2)	Vertical image distortion balance adjustment	No. 2/No. 3 mirror base installing position adjustment
	(3)	Vertical (sub scanning direction) distortion adjustment [Winding pulley position adjustment]	Winding pulley position adjustment
	(4)	Horizontal (main scanning direction) distorion adjustment [Lower rail height adjustment]	F rail height adjustment
	(5)	Main scanning direction magnification ratio adjustment	CCD unit position adjustment
	(6)	Main scanning direction magnification ratio adjustment	SIM48-1
		Sub scanning direction magnification ratio adjustment	SIM48-1
		* Including the adjustment with SPF, RSPF	
	(7)	Copy image position, image loss, void area adjustment	SIM50-1/2
	(8)	Original off-center adjustment * Including the adjustment with SPF	SIM50-12
	(9)	Original off-center adjustment * Including the adjustment with SPF,RADF, RSPF	SIM50-12

D. Image density adjustment (1) Test chart setting SIM 46-2/9/10/ 11 E. Paper feed (1) Manual paper feed size detection level adjustment (2) Paper feed off-center adjustment (2) Paper resist amount adjustment (2) Paper resist amount adjustment (3) Waste toner full detection level adjustment (4) Touch panel adjustment (5) Key touch sound volume adjustment (2) Open/close sensor position adjustment (2) Open/close sensor position adjustment (3) Waste toner full detection level adjustment (4) Touch panel adjustment (5) Key touch sound volume adjustment (6) Key touch sound volume adjustment (7) Open/close sensor position adjustment (8) SIM 2-02 adjustment (9) Open/close sensor position adjustment (1) Document lead edge stop position adjustment (1) Document lead edge stop position adjustment (2) Resist/timing/paper exit sensor adjustment (3) Test mode with DIP switch (3) Test mode with DIP switch (4) Resist/timing/paper exit sensor adjustment (5) Resist/timing/paper exit sensor adjustment (6) Resist/timing/paper exit sensor adjustment (7) Resist/timing/paper exit sensor adjustment (8) Test mode with DIP switch (1) Document lead edge stop position adjustment (2) Resist/timing/paper exit sensor adjustment (3) Test mode with DIP switch (1) Resist/timing/paper exit sensor adjustment (2) Resist/timing/paper exit sensor adjustment (3) Test mode with DIP switch (4) Resist/timing/paper exit sensor adjustment (5) Resist/timing/paper exit sensor adjustment (1) Reflection type sensor adjustment (1) Reflection typ	Section		Adjustment item	Adjustment
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detection level adjustment			Test chart setting	
F. Paper transport (1) Separation pawl operation timing adjustment (2) Paper resist amount adjustment (3) Original size sensor detection level adjustment (4) Touch panel adjustment (5) Key touch sound volume adjustment (6) Open/close sensor position adjustment (7) Open/close sensor position adjustment (8) Open/close sensor position adjustment (9) Open/close sensor position adjustment (1) Document lead edge stop position adjustment (2) Resist/timing/paper exit sensor adjustment (3) Test mode with DIP switch (4) Document lead edge stop position adjustment (5) Resist/timing/paper exit sensor adjustment (6) Resist/timing/paper exit sensor adjustment (7) Resist/timing/paper exit sensor adjustment (8) Resist/timing/paper exit sensor adjustment (9) Resist/timing/paper exit sensor adjustment (1) Document lead edge stop position adjustment (1) Document lead edge stop position adjustment (1) Document lead edge stop position adjustment (2) Resist/timing/paper exit sensor adjustment (3) Test mode with DIP switch (4) Resist/timing/paper exit sensor adjustment (5) Resist/timing/paper exit sensor adjustment (6) Resist/timing/paper exit sensor adjustment (7) Resist quantity adjustment (8) SiM 53-2 (9) Resist/timing/paper exit sensor adjustment (9) Resist/timing/paper exit sensor adjustment (1) Document lead edge stop position adjustment (1) Document lead edge stop position adjustment (2) Resist/timing/paper exit sensor adjustment (3) Test mode with DIP switch (4) Touch panel adjustment (5) IM 53-1 (6) Riverse panel value panel valu	E. Paper feed	(1)		SIM40-2
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Image loss adjustment Center shift adjustment Reflection type sensor adjustment Image distortion adjustment Distortion screw adjustment Back surface resist adjustment Skew adjustment Upper/lower guide		No. 1 resist quantity adjustment		SIM 51-2
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adjustment Image distortion adjustment Distortion screw adjustment Back surface resist adjustment SB resist plate adjustment Skew adjustment Upper/lower guide		Center shift adjustment		50-12
screw adjustment Back surface resist adjustment SB resist plate adjustment Skew adjustment Upper/lower guide				SIM 53-2
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guide		Bac	k surface resist adjustment	
adjustment		Skew adjustment		

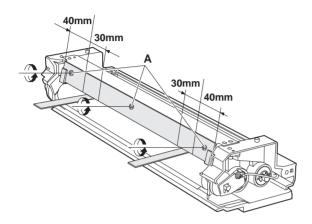
8/18/1999 6 – 1

2. Copier adjustment

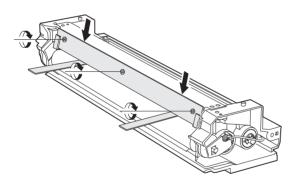
A. Process section

(1) Developing doctor gap adjustment

- Remove the screw and the connector which connect the toner hopper and the developing unit, and separate them.
- 2) Loosen the DV doctor fixing screw A.
- 3) Insert a 0.53mm (0.6mm for AR-280/285/335) thickness gauge into the clearance of 40mm ~ 70mm from the DV doctor edge.



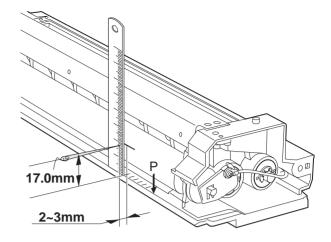
- Press the DV doctor in the arrow direction and tighten the DV doctor fixing screw. (Perform the same procedure for the front and the rear frame.)
- 5) Check that the clearance (2 positions) at 40mm \sim 70mm from the both ends is 0.53 \pm 0.03mm (0.6 \pm 0.03mm for AR-280/285/335).
 - * When inserting a thickness gauge, be careful not to scratch the DV doctor and the MG roller.

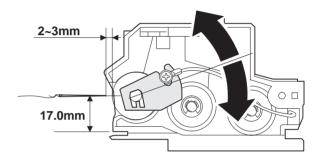


(2) MG roller main pole position adjustment

- Remove the screw and the connector which connect the toner hopper and the developing unit, and separate them. Put the developing unit on a flat floor.
- 2) Tie a needle or pin on a string.
- Hold the string and put the needle horizontally and move it toward the MG roller. (Do not use a clip which is too big to have a correct position since the MG roller diameter is small.)
- 4) With the needle tip at $2 \sim 3$ mm apart from the MG roller surface, mark the point on the surface which is on the extended line of the needle tip.
- Measure the distance between the marking position and surface P of the developing unit and check that it is 17mm.

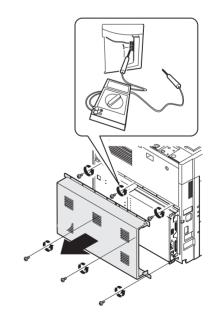
If the distance is not as specified above, loosen the fixing screw of the main pole adjustment plate, and move the adjustment plate to adjust.



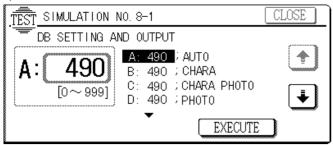


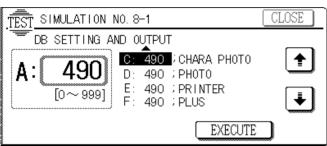
(3) Developing bias voltage adjustment

- 1) Set the digital multi-meter range to the DCV range.
- Put the test probes between the DV bias output check pin (CN2-1 pin) of the high voltage unit and the chassis (GND).



3) Execute SIM 8-1.





The DV bias can be measured without installing the OPC drum and the developing unit.

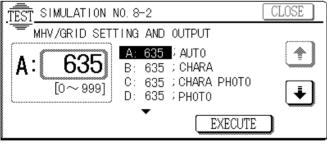
4) When the output voltage is within the adjustment range, change the displayed value and adjust. (1 step: about 1 V)

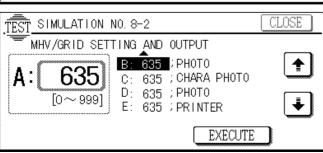
	Adjustme	ent range
	AR-501/505	Others
Developing negative bias voltage (Auto)	-425 ±5V	-500 ±5V
Developing negative bias voltage (Character)	-500 ±5V	-500 ±5V
Developing negative bias voltage (Character, Photo)	-500 ±5V	-500 ±5V
Developing negative bias voltage (Photo)	-500 ±5V	-500 ±5V
Developing bias (Printer)	-500 ±5V	-500 ±5V
Developing positive bias voltage	+150 ±5V	+150 ±5V

(The value and the output voltage may not coincide.)

(4) Main charger grid voltage adjustment

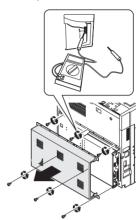
- Install the DV unit, the drum holder unit, and the charger units to the copier.
- Turn on the main switch, and execute SIM 8-2 to check the grid voltage set value.





(Measurement at the high voltage PWB check point)

- 3) Remove the rear cabinet.
- Connect the digital multi-meter to the grid voltage output check pin (CN2-5 pin).
- Set the digital multi-meter range to the DCV range. (Use a digital multi-meter which allows measurement up to DC1000 V.)
- 6) Manually turn on the door switch.
- 7) Turn on the main switch, and execute SIM 8-2 to check.



8) If the output voltage is not in the specified range, change the displayed value and adjust. (1 step: about 1V)

	Adjustment range				
	AR-280/	AR-250/281/	AR-501/505		
	285/ 335	286/336/405	AK-501/505		
Grid voltage (Auto)	-642 ±5V	-602 ±5V	-570 ±5V		
Grid voltage (Character)	-642 ±5V	-602 ±5V	-645 ±5V		
Grid voltage (Character, Photo)	-642 ±5V	-602 ±5V	-645 ±5V		
Grid voltage (Photo)	-642 ±5V	-602 ±5V	-645 ±5V		
Grid voltage (Printer)	-642 ±5V	-602 ±5V	-645 ±5V		
Grid voltage (FAX)	-642 ±5V	-602 ±5V	-645 ±5V		

(The value and the output may not coincide.)

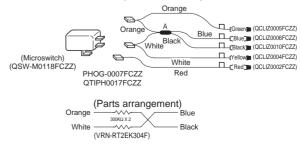
(5) Transfer charger current adjustment

a. Special measurement tool

Electrode sheet (UKOG-0110FCZZ)

UKOG-0110FCZZ

Electrode sheet harness (DHAI-0304FCZZ)

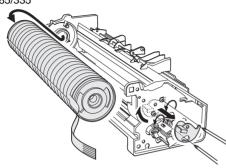


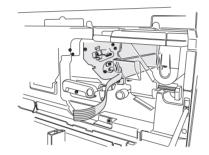
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b. Adjustment procedure

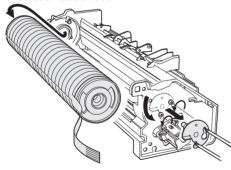
- Remove the developing unit, the transfer/separation charger unit, and the main charger unit from the copier.
- 2) Remove the process unit from the copier.
- 3) Remove the OPC drum from the process unit, and install the electrode sheet by using a rubber band, tape, etc.
- 4) Install the OPC drum with the electrode sheet installed to the process unit, and install the process unit to the copier.
- 5) Install the drum holder unit to the copier so that the electrode sheet lead wire can be taken out from the developing unit side.

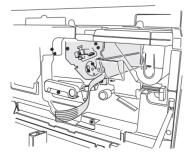
AR-280/285/335





AR-250/281/286/336/405/501/505





6) Clean the transfer charger wire separation lamp and install the transfer/separation charger unit to the copier.

If necessary, wipe the lamp which can be seen from the square hole of the TC guide rail with waste cloth.

(Do not install the main charger unit.)

 Connect the electrode sheet and the digital multi-meter (or an ampmeter). Manually turn on the door switch. 8) Check the drum current on the front frame side and the rear frame side

The current on the front and the rear frame sides: within 6.0uA

• Turn on the main switch, and execute SIM 8-6.

(THVG will be turned ON for about 30 sec.)

- Measure the drum current on the front frame side and the rear frame side.
 - When the microswitch is OFF, the drum current on the front frame side is displayed.
 - When the microswitch is ON, the drum current on the rear frame side is displayed.

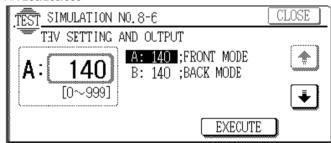


 Check that the current on the front and the rear frame side is 6.0μA or less.

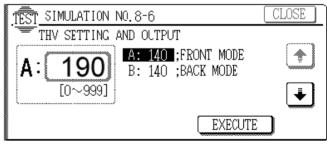
If the current is greater than $6.0\mu A,$ replace the charger unit with new one.

- 9) Adjust THVG output current.
 - Turn on the main switch and execute SIM 8-6.

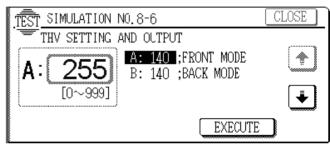
AR-280/285/335



AR-250/281/286/336/405



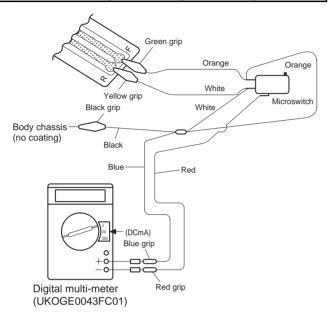
AR-501/505



(THVG will be turned on for about 30 sec.)

 If the output current is not in the specified range, change the displayed value and adjust. (1 step: about 0.1 μA)

	ļ ,	Adjustment spec				
Transfer charger	AR-250/280/					
current	281/285/286/	AR-405	AR-501/505			
	335/336					
TC drum current						
(Front surface	+13.5+1.5μA	+15.0+1.5μA	+18.0+1.5μΑ			
mode)						
TC drum current	+13.5+1.5µA	+15.0+1.5µA	+18.0+1.5µA			
(Back surface mode)	+13.5+1.5μΑ	+13.0+1.5μΑ	+10.0+1.5μΑ			



* Check that the black clip is securely grounded to the machine chassis.

When UKOGE0043CS01 is used:

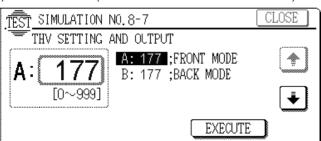
Knob 1: Set to DCmA. Knob 1: Connect to 2. Red clip: Connect to (+). Blue clip: Connect to (-).

When an ampmeter is used:

Red clip: Connect to (+) of the ammeter. Blue clip: Connect to (-) of the ammeter.

(6) Separation charger DC component voltage

- Install the DV unit, the drum holder unit, and the charger units to the copier.
- 2) Remove the rear cabinet.
- Connect the digital multi-meter to SHVG output check pin (CN2-3 pin).
- 4) Set the digital multi-meter range to the DCV range.
- 5) Manually turn on the door switch.
- 6) Execute SIM 8-7. (SHVG will be turned on for about 30 sec.)



7) If the output voltage is not in the specified range, change the displayed value and adjust. (1 step: about 1V)

	Adjustment range				
	AR-250/280/				
	281/285/286/	AR-405	AR-501/505		
	335/336				
Separation DC					
component	-140 +10V	-150 ±10V	-200 ±10V		
voltage (Front	-140 ±10 V				
surface mode)					
Separation DC					
component	-140 +10V	-150 ±10V	-200 +10V		
voltage (Back	140 ±100	100 ± 10 0	200 100		
surface mode)					

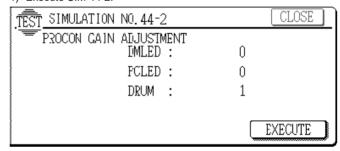
(7) OPC drum marking sensor/Image density sensor gain adjustment

This adjustment must be performed in the following cases:

- When both sensors are cleaned in maintenance.
- When the value of DMLED/PCLED in SIM 44-12 are greater than about 100.

Clean both sensors and perform the adjustment.

1) Execute SIM 44-2.

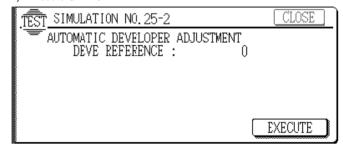


When the adjustment is completed, the gain value is displayed. If an error occurs during the adjustment, the error display is made.

(8) Toner density adjustment (Auto developer adjustment)

This adjustment must be performed in the following case:

- When new developer is supplied.
- 1) Execute SIM 25-2.



- 2) The adjustment is automatically made with the toner density sensor output value displayed. After 3 minutes from starting stirring, the toner density sensor is sampled 16 times, and the average value is stored as the toner density adjustment value.
 - When new developer is supplied, clear the developer counter with SIM 24-5.

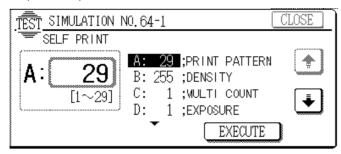
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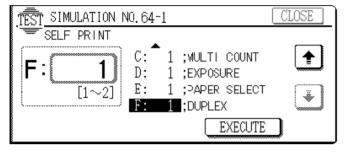
B. Laser scanner section

(1) Horizontal image distortion adjustment

 Execute SIM 64-1, and print the pattern of SQUARE from the manual feed tray.

(A: 22 E: 1)





Set items A: Self print pattern

B: Density level

C: Setting of the number of self print sheets

D: Density mode

1 Auto 3 Text/Photo 2 Text 4 Photo

E: Cassette selection

1 Manual feed2 Upper cassette6 Desk lower cassette

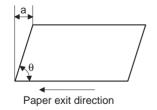
3 Lower cassette 7 LCC

4 Desk upper cassette

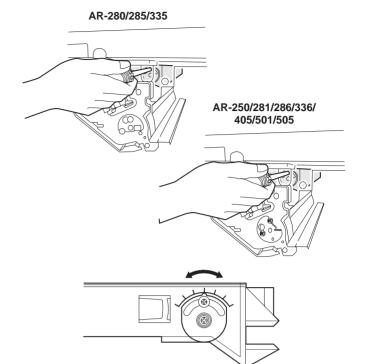
F: Duplex print selection

1 Simplex 2 Duplex

2) Obtain value a of the printed sheet.



3) Turn the adjustment handle to adjust according to the value a.



Adjustment handle: 1 scale = 0.5mm (dimension a) q<90 degress: Right direction q>90 degrees: Left direction Adjustment specification: a=0 mm, $\theta=90$ degrees

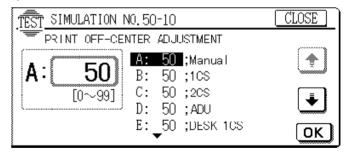
(2) Print off-center adjustment

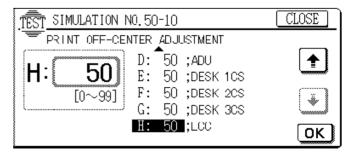
1) Execute SIM 64-1. print one sheet from each paper feed port.

Measure the void amount both sides.

When making duplex copy with OC, press the [CLOSE] key to enter the copy menu and read two pages of documents. Then press the [READ CORRECT] key.

- * Select the self print pattern which allows easy measurement of the void amount.
- 2) Execute SIM 50-10.

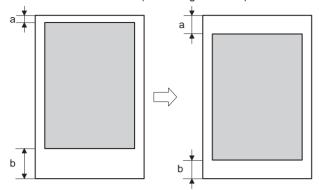




Change each value to adjust so that the void amounts of both sides are even.

a > b: Increase the value.

a < b: Decrease the value. (See the figure below.)



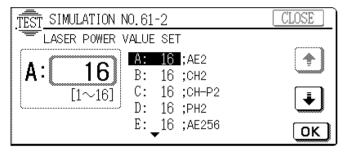
4) Press the CA key to terminate the simulation.

(3) Laser power setting

* Normally the laser power is automatically corrected by process control. Use the image density adjustment described later unless there is a special request from the user.

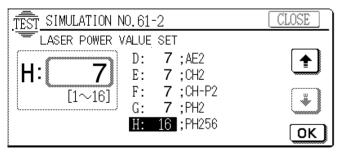
(AR-280/285/335)

All must be set to "16".



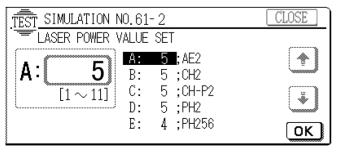
(AR-250/281/286/336)

All must be set to "7".



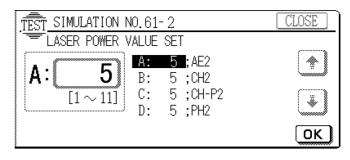
(AR-405)

Set all to "5" except for PH256.



(AR-501/505)

All must be set to "5".



C. Scanner section

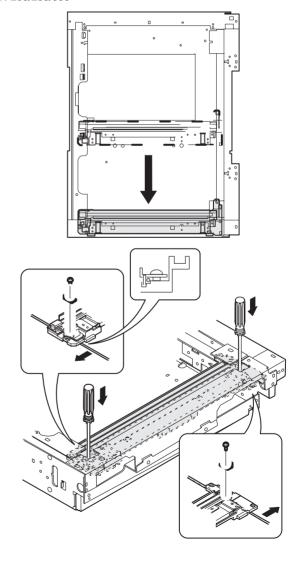
(1) Vertical image distortion balance adjustment (Copy lamp unit installing position adjustment)

 Insert the front/rear mirror base drive wire into the frame groove and press and fix it with the wire fixing plate. At that time, do not tighten the wire fixing screw.

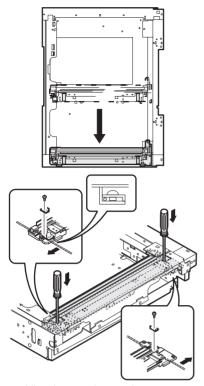
Change the direction of the lamp positioning plate. (F and R)

Push the copy lamp unit onto the positioning plate, and tighten the wire fixing screw.

AR-280/285/335



AR-250/281/286/336/405/501/505



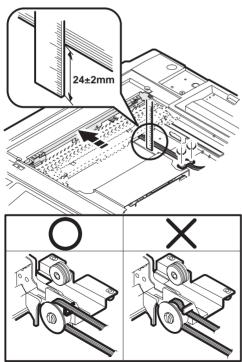
* Note for assembling the copy lamp unit

Move the copy lamp unit to the paper exit side, and fix the copy lamp unit with the harness guide so that the distance between the copy lamp harness and the lower frame is about 24±2mm, (25 \sim 30mm) with the copy lamp harness extended.

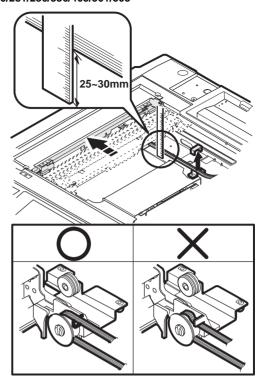
After fixing, manually shift the copy lamp unit a few times to check that it moves smoothly.

If the copy lamp harness is loosely fixed, the copy lamp unit may jump up when reading, resulting in abnormal reading.

AR-280/285/335



AR-250/281/286/336/405/501/505

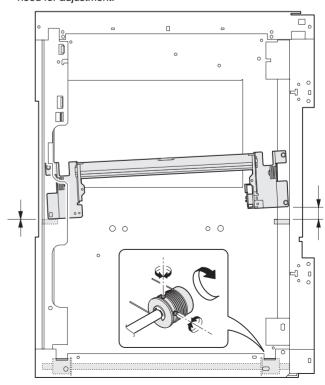


(2) Vertical image distortion balance adjustment (No. 2/3 mirror base unit installing position adjustment)

This adjustment is to adjust the parallelism of the mirror base to the OPC drum surface and the original surface.

1) Manually turn the mirror base drive pulley to bring mirror base B into contact with mirror base positioning plate.

If, at that time, the front frame side and the frame side of mirror base B are brought into contact with the mirror base positioning plate simultaneously, the parallelism is correct and there is no need for adjustment.

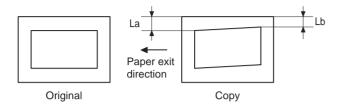


Illust: AR-280

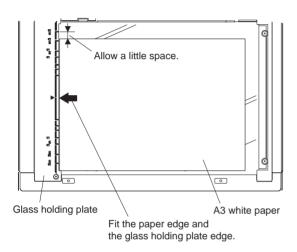
(3) Vertical (sub scanning direction) distortion adjustment [Winding pulley position adjustment]

This adjustment is executed in the following cases:

- When the mirror base drive wire is replaced.
- When the lamp unit, or No. 2/3 mirror holder is replaced.
- When a copy shown below is made.

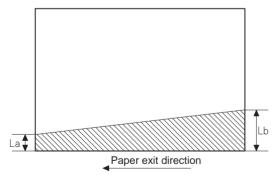


1) Set A3 white paper on the original table as shown below.



illust: AR-280

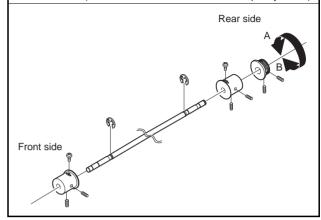
- 2) With the original cover open, make a normal (X 1.0) copy.
- Measure the black distance at the lead edge and the rear edge of the copy paper.



La: Lead edge black background section Lb: Rear edge black background section

If La = Lb, the procedures 4) through 7) are not required.

- Loosen the fixing screw of the front or the rear frame mirror base drive pulley.
 - If La < Lb, turn the rear frame mirror base drive pulley in direction B. (Do not move the mirror base drive pulley shaft.)
 - If La > Lb, turn the rear frame mirror base drive pulley in direction A. (Do not move the mirror base drive pulley shaft.)



- 5) Tighten the fixing screw of the mirror base drive pulley.
- 6) Perform procedures 1) through 3).
- 7) If La is not equal to Lb, perform procedures 4) and 5).
 If La = Lb, the adjustment is completed.
 Repeat procedures 1) through 6) until La = Lb.

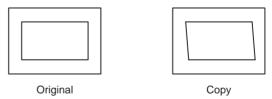
(4) Horizontal (main scanning direction) distorion adjustment [Lower rail height adjustment]

When there is no distortion in the direction of mirror base scanning and there is sub scanning direction distortion, it can be adjusted by changing the No. 2/3 mirror base unit rail height.

Before this adjustment, perform the horizontal image distortion adjustment in the laser scanner section.

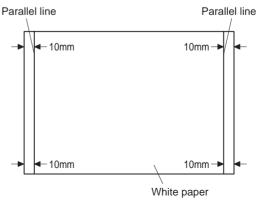
This adjustment must be performed in the following cases:

- When the mirror base wire is replaced.
- When the copy lamp unit and no. 2/3 mirror unit are replaced.
- When the mirror unit rail is replaced and moved.
- When a copy shown below is made.



1) Make an original for the adjustment.

Draw parallel lines at 10mm from both sides of an A3 white paper.



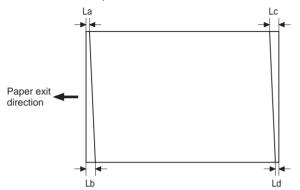
illust: AR-280

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2) Make a copy of the adjustment original on an A3 white paper at the normal magnification ratio.

(Fit the paper edge and the glass holding plate edge.)

3) Measure the distances between the lines and the corners (4 positions of La, Lb, Lc, Ld).



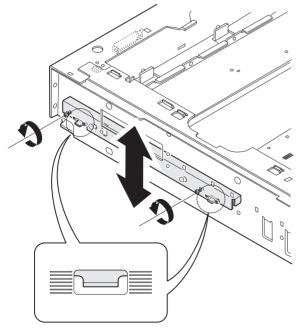
When La = Lb and Lc = Ld, no need to adjust.

When La = Lb = Lc = Ld, there is no need for adjustment.

- Move the mirror base B rail position up and down (in the arrow direction) to adjust.
 - When La > Lb, move the mirror base B rail on the paper exit side upward by the half of the difference of La Lb.
 - When La < Lb, move the mirror base B rail on the paper exit side downward by the half of the difference of Lb - La.

Example: When La = 12mm and Lb = 9mm, move the mirror base B rail on the paper exit side 1.5mm upward.

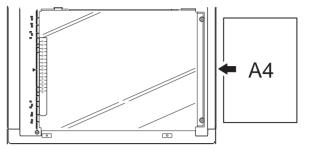
- When Lc > Ld, move the mirror base B on the paper feed side downward.
- When Lc < Ld, move the mirror base B on the paper feed side upward.
- * When moving the mirror base rail, hold the mirror base rail handle.
- 5) Adjust so that La = Lb and Lc = Ld.
- 6) After completion of the adjustment, manually turn the mirror base drive pulley to make full scanning of mirror base A and mirror base B and check that they do not make contact.
 - * If the mirror base rail is moved extremely, the mirror base may be brought into contact. Be careful of that.



illust: AR-280

(5) Main scanning direction magnification ratio adjustment (CCD unit installing position adjustment)

- 1) Execute SIM 48-1.
- 2) Set each value to 50 (initial value).
- 3) As shown in the figure below, put a scale on the original table.



illust: AR-280

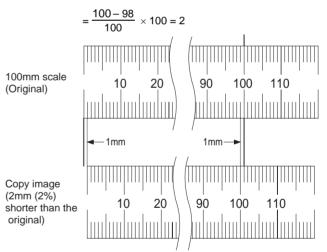
- 4) make a normal copy on A4 paper.
- 5) Compare the scale image length and the actual scale length.
- Obtain the main scanning direction copy magnification ratio according to the following formula.

Main scanning direction copy magnification ratio

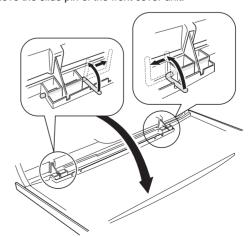
 $= \frac{(Original\ length - Copy\ length)}{Original\ length} \times 100\%$

(Example) Put the scale so that 50mm of the scale is at the center of the original.

Main scanning direction copy magnification ratio

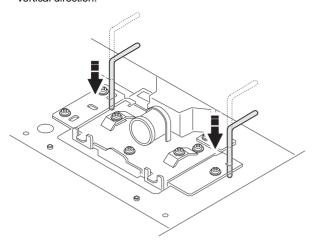


- 7) Remove the original guide L and R, and remove the table glass.
- 8) Remove the dark box cover.
- 9) Remove the slide pin of the front cover unit.



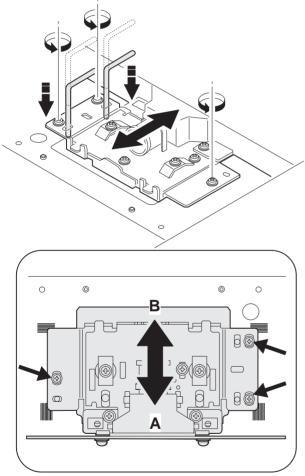
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Insert the slide pin as shown below and make positioning in the vertical direction.



 Insert the slide pin as shown below and make positioning in the horizontal direction.

(Initial position positioning is completed.)



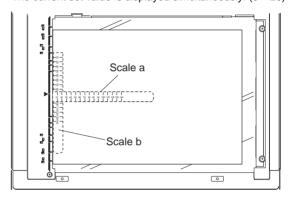
Never loosen a screw other than these ones.

- Never loosen the screws which are not indicated in the figure. If loosened, the adjustment cannot be made and the unit must be replaced.
- Make a sample copy in the initial position and measure the magnification ratio again.
- Change the installing position in the horizontal direction to adjust the magnification ratio.

- When the copy image is longer than the original, move in the direction of B.
- When the copy image is shorter than the original, move in the direction of A.
- One scale of scribe line corresponds to 0.2%.
- For fine errors which cannot be adjusted with this adjustment, use the next simulation SIM 48-1.

(6) Main/sub scanning direction magnification ratio adjustment

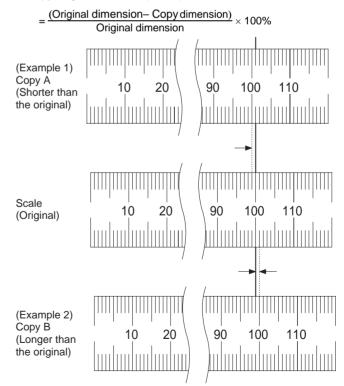
- Before this adjustment, perform the previous adjustment of CCD unit installation position.
- Place a scale on the original table as shown. (Scale a and scale b may be placed together or individually.)
 - After warming up, the ready lamp lights up.
 - The current set value is displayed simultaneously. (0 ~ 20)



illust: AR-280

Make a normal copy and obtain the main/sub scanning direction magnification ratios.

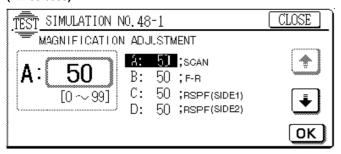
Copy magnification ratio (MRCP)



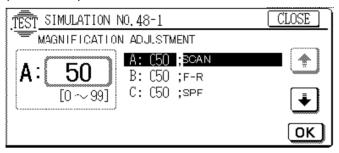
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4) Execute SIM 48-1.

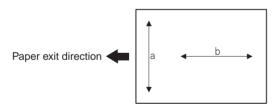
(AR-501/505)



(Other models)



- 5) Change value A so that the magnification ratio in the sub scanning direction is within the specified range.
- 6) Change value B so that the magnification ratio in the main scanning direction is within the specified range.



a \longrightarrow Magnification ratio in the main scann ing direction b \longrightarrow Magnification ratio in the sub scanning direction

[AR-280/281 only]

- 7) Make a copy of A3 original with SPF, and measure the magnification ratio in the sub scanning direction.
- 8) Change value C so that the magnification ratio in the sub scanning direction is within the specified range.
- 9) Press the CA key to cancel the simulation.

(7) Copy image position, image loss, void area adjustment

Before performing this adjustment, check that SIM 50-5 is set to 50. If not, set it to 50.

This adjustment uses SIM 50-2 and SIM 50-1.

The above two simulations are used in the following manner.

Sim 50-2: Rough adjustment

SIM 50-1: Fine adjustment

If the desired value is obtained by SIM 50-2, there is no need to perform SIM 50-1.

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(Adjustment items)

No.	Adjustment item	Operation mode		SIM 50-2 set item	SIM 50-1 set item	Adjustment value	Note
1	Lead edge image loss	Document table mode	SPF mode	IMAGE LOSS	IMAGE LOSS	1.5 to 3.0 mm	
2	Lead edge void area	Document table mode	SPF mode	DEN-A	DEN-A	1.5 to 3.0 mm	
3	Rear edge image loss		SPF mode	REAR LOSS (SPF)	REAR LOSS (SPF)	1.5 to 3.0 mm	AR-4XX series only
4	Rear edge void area	Document table mode	SPF mode	DEN-B	DEN-B		
5	Image reference position	Document table mode			RRC-A		
6	Paper timing	Document table mode	SPF mode		RRC-B		
7	Image reference position		SPF mode		SPF		
8	Distance between image lead edge position and scale of 10mm × 10	Document table mode		L1			
9	Distance between paper lead edge and image lead edge × 10	Document table mode		L2			
10	Distance between image lead edge position x scale of 10mm × 10		SPF mode	L3			

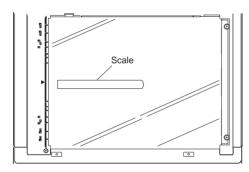
Adjustment items 1 \sim 4 can be adjusted either with SIM 50-1 or SIM 50-2.

The adjustment values of items 8 $\,^{\sim}\,$ 10 will affect the adjustment items 5 $\,^{\sim}\,$ 7 automatically.

Therefore, adjusting the items 8 \sim 10 will lead to the same result as adjusting the items 5 \sim 7.

1) Place a scale on the document table as shown below, and make a normal (100%) copy.

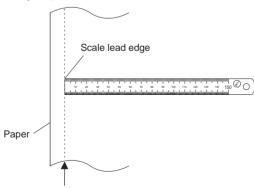
Note that the scale must be placed in parallel to the scanning direction and that the scale lead edge must be clearly copied.



illust: AR-280

2) Process the copied paper as shown below.

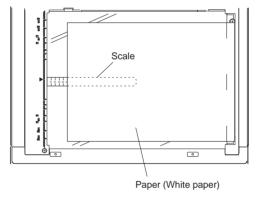
Cut the copied paper along the line at the edge of the scale image. The cut line and the scale image must form a right angle (90 degrees).



Cut the paper along this line.

3) Place the scale on the document table as shown below.

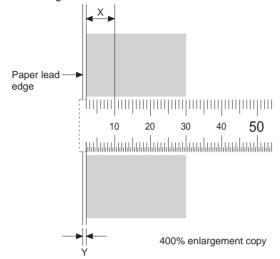
Note that the scale must be placed in parallel to the scanning direction and that the scale lead edge is in close contact with the document guide plate.



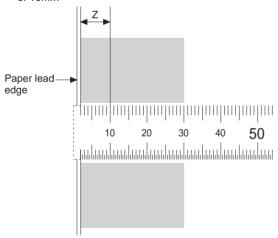
illust: AR-280

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- 4) Enter the SIM 50-2 mode.
- 5) Set the image loss and DEN-A set values to "0."
- 6) Set all the values of L1, L2, and L3 to "0."
- 7) Make a copy at 400%. (Document table mode)
- 8) Measure dimensions X and Y of the copied scale image.
 - X: Distance between the copy image lead edge and the scale of 10mm
 - Y: Distance between the paper lead edge and the copy image lead edge



- Set the document as in procedure 1) and 2) on the SPF, and make a copy at 200% in the SPF mode.
- 10) Measure the dimension L3 of the copied scale image.
 - Z: Distance between the copy image lead edge and the scale of 10mm



200% enlargement copy

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11) Enter L1, L2, and L3 as follows:

$$L1 = X \times 10$$

$$L2 = Y \times 10$$

$$L3 = Z \times 10$$

12) Cancel the simulation mode, make a copy in the document table mode and in the SPF mode, and check that the lead edge image loss and the void area are in the specified range as shown below:

Lead edge image loss: $1.5 \sim 3.0$ mm Lead edge void area: $1.5 \sim 3.0$ mm

If the above condition is not satisfied.

13) Enter the SIM 50-1 mode.

- 14) Set the scale on the document table in the same manner as in procedure 3). Make a copy at 50% and at 400% in the document table mode.
- 15) Measure the distance between the paper lead edge and the copy image lead edge of 50% copy and 400% copy.
- 16) Check that there is no difference between the measured distance of 50% copy and that of 400% copy.

If the difference is more than 1.5mm, change and adjust the RRC-A value.

Repeat procedures 12) to 16) until the above condition is satisfied.

- 17) Use the document made in procedures 1) and 2) and make a copy at 50% and at 400% in the SPF mode.
- 18) Measure the distance between the paper lead edge and the copy image lead edge of 50% copy and that of 400% copy.
- 19) Check that there is no difference between the above measured distance of 50% copy and that of 400% copy.

If the difference between the distances is more than 1.5mm, change and adjust the SPF value.

Repeat procedures 17) and 18) until the above condition is satisfied.

- If the lead edge void area is outside the specified range, change the DEN-A value.
- If the lead edge image loss is outside the specified range, change the IMAGE LOSS value.
- 22) If the rear edge void area is outside the specified range, change the DEN-B value.
- 23) If the rear edge void area is outside the specified range, change the REAR LOSS (SPF) value.

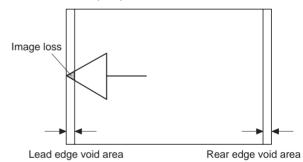
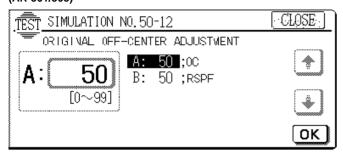


IMAGE Lead edge 1.5 to The greater the set value is, the LOSS image loss 3.0 mm greater the image loss is. DEN-A The greater the set value is, the Lead edge 1.5 to greater the void area is. void area 3.0 mm DEN-B Rear edge 1.5 to The greater the set value is, the void area 3.0 mm greater the void area is. **REAR** Rear edge 1.5 to The greater the set value is, the LOSS image loss 3.0 mm greater the image loss is.

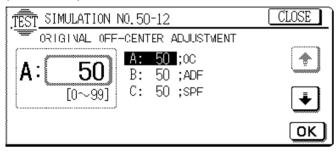
(8) Original off-center adjustment

- Place the reference original for the off-center adjustment on the original table.
- 2) Execute SIM 50-12.

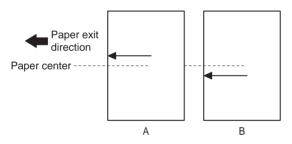
(AR-501/505)



(Other models)



3) Press the PRINT button after lighting the RPL, and a copy will be made. If the arrow image on the copy paper is shifted from the center line as shown below, change the set value and adjust.



In the case of A decrease the set value. In the case of B increase the set value. Adjustment specification: Within \pm 1.7mm (One point of the set value corresponds to the change of about 0.1mm.)

[In the case of the AR-280]

- 4) Make a copy of A4 (8 $1/2 \times 11$)original with the SPF, and measure the off-center.
- Change value C so that the off-center is within the specified range.

[In the case of the AR-285/335]

- 4) Make a copy of A4 (8 1/2 \times 11) original with the RADF, and measure the off-center.
- Change value B so that the off-center is within the specified range.
- 6) Press the CA key to cancel the simulation.

D. Image density adjustment

The image density adjustment is required for the following copy quality mode by using the simulation.

There are two methods; the collective adjustment and the individual adjustment of the copy quality mode.

Copy mode (AR-280/285/335)

Cop	by quality mode	Collective adjustment	Individual adjustment
Binary	Auto mode	SIM46-2	
value mode	Character mode		SIM46-9
	Character/Photo mode		SIM46-10
	Photo mode		SIM46-11
Multi value	Auto mode	SIM46-3	
(Hifi) mode	Character mode		SIM46-5
	Character/Photo mode		SIM46-6
	Photo mode		SIM46-7

Copy mode (AR-250/281/286/336/405)

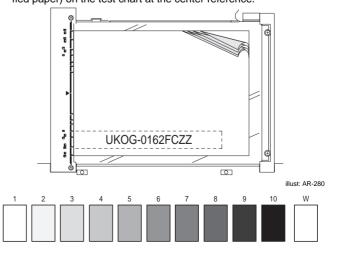
Cop	by quality mode	Collective adjustment	Individual adjustment
Binary	Auto mode	SIM46-2	
value mode	Character mode		SIM46-9
modo	Character/Photo mode		SIM46-10
	Photo (error diffusion) mode		SIM46-11
Multi value (Hifi) mode	Photo (Dither pattern) mode (Japan only)	SIM46-2	SIM46-7

Copy mode (AR-501/505)

Cop	by quality mode	Collective adjustment	Individual adjustment
Binary	Auto mode	SIM46-2	
value mode	Character mode		SIM46-9
	Character/Photo mode		SIM46-10
	Photo (error diffusion) mode		SIM46-11

(1) Test chart setting

- 1) Place a test chart (UKOG-0162FCZZ) on the original table.
- 2) Place several sheets of A3 (11 \times 17) white paper (Sharp's specified paper) on the test chart at the center reference.



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Test chart comparison

UKOG-0162FCZZ DENSITY No.	1	2	3	4	5	6	7	8	9	10	W
UKOG-0089CSZZ DENSITY No.	0.1		0.2		0.3				0.5	1.9	0
KODAK GRAY SCALE		1		2		3		4		19	Α
SHARP CORPORATION MADE IN JAPAN											

(2) Density adjustment procedure

a. Collective adjustment of two or more copy quality modes

Normally this adjustment is performed with SIM 46-2 and SIM 46-3. In this method, two or more copy density adjustments in different modes can be adjusted collectively.

1) Execute SIM 46-2 and SIM 46-3.

(AR-280/285/335)

(Binary value mode)

Quality mode	Linked simulation data
AE3.0 (AE)	
CH3.0 (Character)	Sim46-9
MIX3.0 (Character/Photo)	Sim46-10
PH3.0 (Photo)	Sim46-11

(AR-250/281/286/336/405)

Quality mode	Linked simulation data
AE3.0 (AE)	
CH3.0 (Character)	Sim46-9
MIX3.0 (Character/Photo)	Sim46-10
PH3.0 (2)	Sim46-11 (Photo error diffusion)
PH3.0 (256)	Sim46-7 (Photo multi value dither) (Japan only)

(AR-501/505)

(Binary value mode)

Quality mode	Linked simulation data
AE3.0 (AE)	
CH3.0 (Character)	Sim46-9
MIX3.0 (Character/Photo)	Sim46-10
PH3.0 (Photo)	Sim46-11

2) Press the COPY button to make a copy.

Check that the copy density is as shown in the table below. If not, change the adjustment value.

Adjustment spec						
Mode	EXP	Chart No.	Adjustment level	Chart No.	Adjustment level	
Character	3	3	Copied.	2	Not copied.	
Character /Photo	3	3	Copied.	2	Not copied.	
Photo	3	3	Copied.	2	Not copied.	
Auto		3	Copied.	2	Not copied.	

If the copy density is too light, increase the adjustment value.

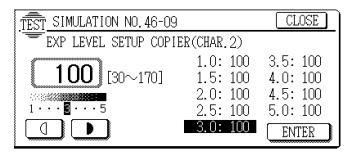
If the copy density is too dark, decrease the adjustment value.

Adjustment range: 30 ~ 170

b. Individual adjustment of each copy quality mode

This adjustment is used when a different density level for different copy quality mode is required. SIM 46-5 to -7 and SIM 46-9 to -11 are used

 Execute the simulation corresponding to the copy quality mode to be adjusted.



2) Press the COPY button to make a copy.

Check that the copy density is as shown in the table below. If not, change the adjustment value.

For the auto mode, there is only one adjustment value. For the other modes, the adjustment value for each density level must be adjusted.

(3) RSPF exposure adjustment procedure

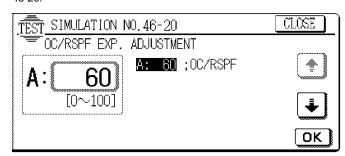
(Employed chart)

UKOG-0121FCZ3 for inch series UKOG-0121FCZ4 for AB series

Make a copy of the chart in the AE exposure OC mode.

Make a copy of the chart in the RSPF mode.

Compare the above two copies to check that the difference is within 0.5 scale. If the difference is more than 0.5 scale, adjust with SIM 46-20.



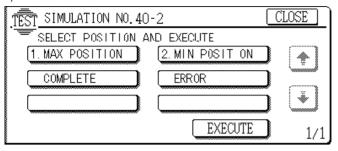
When the RSPF is darker, increase the value. When the RSPF is lighter, decrease the value.



E. Paper feed

(1) Manual paper feed size detection level adjustment

1) Execute SIM 40-2.



- 2) Extend the manual paper feed guide fully.
- Press [MAX POSITION] on the LCD of the operation panel to highlight it.
- Press [EXECUTE] on the LCD of the operation panel to highlight it

If normal, the highlight is shifted from [MAX POSITION] to [MIN POSITION].

- 5) Narrow the manual paper feed tray guide fully.
- Press [EXECUTE] on the LCD of the operation panel to highlight it.

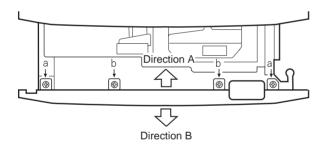
Check that [COMPLETE] is highlighted.

7) Press the CA key to cancel the simulation.

(2) Paper feed off-center adjustment

When the center of No. 1 and No. 2 paper feed trays is shifted with the reference of manual paper feed and the self print, adjust as follows.

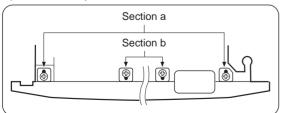
 Loosen the fixing screws a and b of the front cabinet of the paper feed tray.



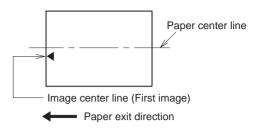
* When fixing the front cabinet, the clearance between fixing screw a and the cabinet and the clearance between fixing screw b and the cabinet are symmetric.

[Reference view]

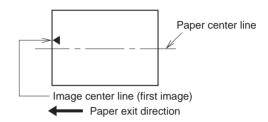
(Reference view)



2) Shift the front cabinet and adjust.



Move the front cabinet in the direction of A.



Move the front cabinet in the direction of B.

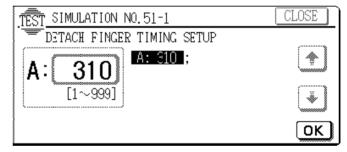
F. Paper transport

(1) Separation pawl operation timing adjustment

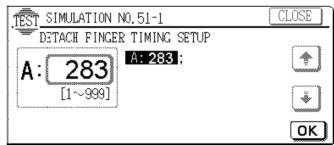
This adjustment is to adjust the time from when the resist roller is turned on to when the drum separation pawl is turned on.

1) Execute SIM 51-1.

(AR-250/280/281/285/286/335/336/405)



(AR-501/505)



2) Change value A and adjust the separation pawl operating timing.

Initial value: 310 ms (283 ms for AR-501/505)

1 step: 1ms

Adjustment range: 1 ~ 999ms

If the adjustment value is improper, a paper jam may resulted.

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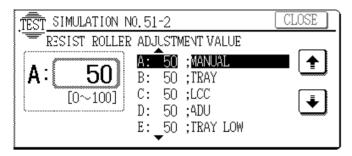
(2) Resist amount adjustment

This adjustment is to adjust the timing (paper contact pressure) for the resist roller in each paper feed mode.

By changing the time difference (timing) between the transport roller ON and the resist roller ON, the paper contact pressure on the resist roller is changed.

The adjustment value must be changed according to the copy paper quality.

1) Execute SIM 51-2.



2) Change the adjustment value in each mode.

Mode		Initial value (ms)			Set
		AR-2XX AR-3XX	AR-4XX	AR-5XX	value (ms)
A: MANUAL	Manual paper feed	31	55	54	0 ~ 100
B: TRAY	Tray paper feed	55	45	25	0 ~ 100
C: LCC	LCC paper feed	45	45	25	0 ~ 100
D: ADU	ADU paper feed	60	50	25	0 ~ 100
E: TRAY	Tray paper feed (Low)	45	60	_	0 ~ 100
F: LCC	LCC paper feed (Low)	45	_	_	0 ~ 100
G: SPF	SPF paper feed	_	_	_	0 ~ 100
H. DESK	RSPF paper feed	_	_	25	0 ~ 100

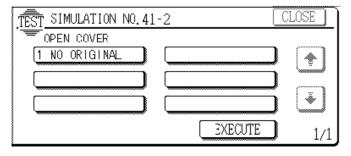
- 1 step: 1ms
- * When the set value is too small, the copy image position for the paper may vary.
- * When the set value is too great, a paper jam may occur.

G. Others

(1) Original size sensor detection level adjustment

1) Execute SIM 41-2.

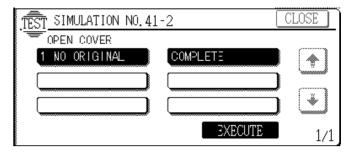
(Fig. 1)



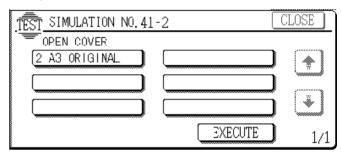
2) Execute the sensor adjustment without original.

With the original cover open, without original on the table glass, press the [EXECUTE] key to perform the sensor adjustment without original. After adjustment, NORMAL or ABNORMAL is displayed.

(Fig. 2)



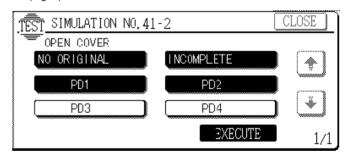
(Fig. 3)



(In the case of NORMAL)

The screen of Fig. 2 is displayed for 1 sec, then the screen of Fig. 3 is displayed, and the sensor adjustment without original is completed.

(Fig. 4)



(In the case of ABNORMAL)

The screen of Fig. 4 is displayed, and the sensor of abnormality is highlighted. In this case, confirm the original empty state and press the [EXECUTE] key to perform the sensor adjustment again. 3) Perform the sensor adjustment without original.

3) Execute the sensor adjustment with original.

With the original cover open, place five sheets of A3 originals on the glass by fitting them to the original guide, press the [EXE-CUTE] key to perform the sensor adjustment with originals. After adjustment, NORMAL or ABNORMAL is displayed.

(In the case of NORMAL)

The screen of Fig. 2 is displayed for 1 sec, then the screen of Fig. 3 is displayed to terminate the adjustment of the original sensor.

* In this case, the display item of "2. A3 ORIGINAL" is shown instead of "1. NO ORIGINAL" at the left top.

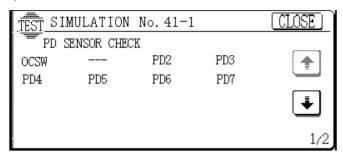
(In the case of ABNORMAL)

The screen of Fig. 4 is displayed for 1 sec, and the sensor of abnormality is highlighted. In this case, check that there is no A3 original on the original glass, and press the [EXECUTE] key to perform the sensor adjustment operation again.

* In this case, the display item of "2. A3 ORIGINAL" is shown instead of "1. NO ORIGINAL" at the left top.

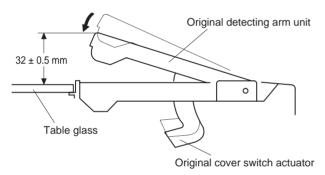
(2) Original size sensor position adjustment

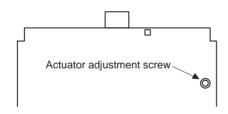
1) Execute SIM 41-1.



• Slowly tilt the original detecting arm unit, and loosen the original cover switch actuator adjustment screw, and slide and adjust the actuator so that the highlighted display of OCSW is changed to the normal display when the height of the arm unit top from the table glass is 32 ± 0.5 mm.

(When the original cover switch ON timing is shifted, the original detection function may not work properly.)





(3) Waste toner full detection level adjustment

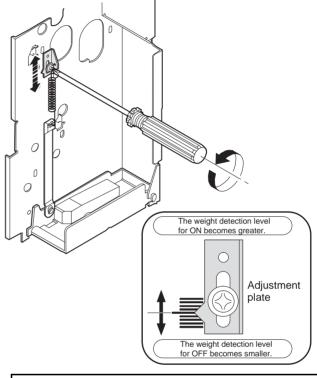
 Fill water to the empty waste toner bottles to make dummy bottle A and B

Dummy bottle A: 480g (including the bottle weight)

Dummy bottle B: 560g (including the bottle weight)

- 2) Turn on the power switch of the copier.
- Install dummy bottle A (480g) to the waste toner bottle detecting unit and check that the weight detection is OFF.
- Install dummy bottle B (500g) instead and check that the weight detection is ON.

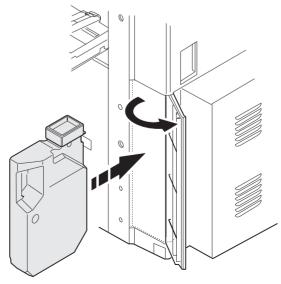
"Weight detection ON" means that the display of "REPLACE TONER BOTTLE" on the panel display is ON. "Weight detection OFF" means that it is OFF.



Initial value: 2 scales down from the center

[When ON/OFF display is improper]

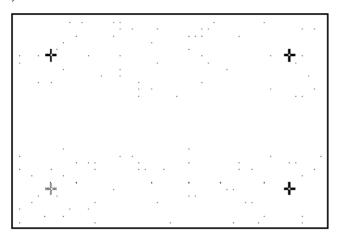
Loosen the fixing screw of the positioning plate. Move the positioning plate up and down to adjust so that the weight detection is made as specified.



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(4) Touch panel adjustment

1) Execute SIM 65-1.



2) When the "+" section is pressed, it turns to gray. When all the four points are pressed, the touch panel adjustment is completed and the machine goes into the simulation sub number entry state.

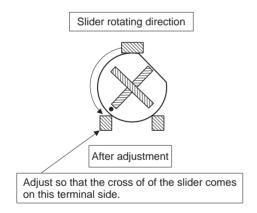
In case of abnormality, the mode returns to the input mode.

* Do not use a sharp pin or needle to press the "+" points.

(5) Key touch sound volume adjustment

This adjustment must be performed in the following cases:

- When the key touch sound volume is too small.
- When the key touch sound volume is too great.
- When the operation control PWB is replaced.
- 1) Remove the operation control PWB.
- 2) Turn the VR1 slider counterclockwise to set at about 135 degrees.



3) Use an actual machine and check the key input operations.

After this adjustment:

When the key touch sound volume is too small, turn VR1 clockwise

When the key touch sound volume is too great, turn VR1 counterclockwise.

H. SPF

(1) Hinge height check and adjustment (Image distortion adjustment)

(Adjustment 1)

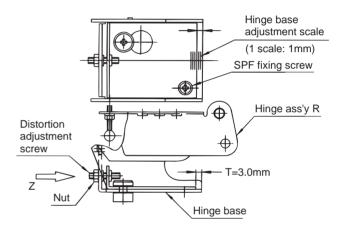
Hinge ass'y R hinge space dimension adjustment

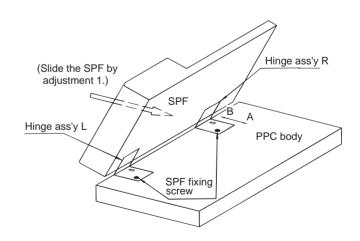
- (1) Loosen the two fixing screws of SPF.
- (2) Loosen the nuts, turn the distortion adjustment screw and adjust dimension T to 3.0 mm.
- (3) Tighten two fixing screws of SPF and fix the hinge base.
- (4) Fix the distortion adjustment screw with the nut.

When the distortion adjustment screw is turned in the direction of X (clockwise), the dimension T is increased.

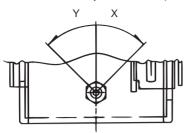
(Turn the distortion adjustment screw in the direction of X (clockwise), and shift the SPF in the direction of arrow as shown above to adjust the dimension T.)

When the distortion adjustment screw is turned in the direction Y (counterclockwise), the dimension T is decreased.





(SPF adjustment direction by turning the distortion adjustment screw)



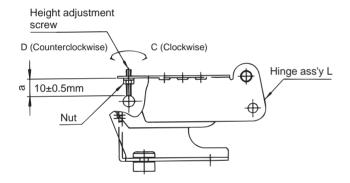
(Adjustment 2)

Hinge ass'y L SPF height a adjustment

- (1) Loosen the nut and turn the height adjustment screw to adjust dimension a to 10 \pm 0.5mm.
- After adjusting the height, fix the height adjustment screw with the nut.

Turn the distortion adjustment screw in the direction of C (clockwise) to increase dimension a.

Turn the distortion adjustment screw in the direction of D (counter-clockwise) to decrease the dimension a.

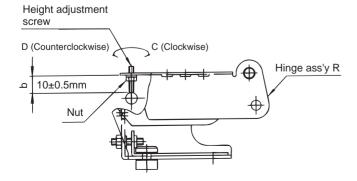


Hinge ass'y R SPF height b adjustment

- (1) Loosen the nut and turn the height adjustment screw to set dimension b to 10 \pm 0.5 mm.
- (2) After adjusting the height, fix the height adjustment screw and loosen the nut.

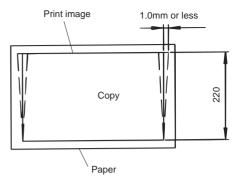
When the height adjustment screw is turned in the direction of C (clockwise), the dimension b is increased.

When the height adjustment screw is turned in the direction of D (counterclockwise), the dimension b is decreased.



(Image distortion specification)

The right angle distortion of the short side for the long side must be adjusted to less than 1.0 mm.



(Distortion pattern and adjustment)

- Check which one of the copy image patterns 1 ~ 8 shown below is like the copy image distortion.
- Follow the adjustment procedure according to the copy image pattern.

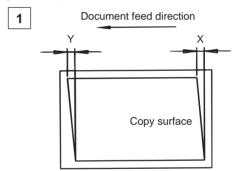
(Refer to adjustment 1, 2.)

Note

1) When the hinge ass'y R height adjustment is performed, be sure to perform adjustment (2) (Open/close sensor adjustment) again.

Distortion adjustment procedure

(Copy image pattern 1)



(Adjustment procedure)

1) Perform adjustment 1 and adjust the distortion in the X section.

Adjustment reference

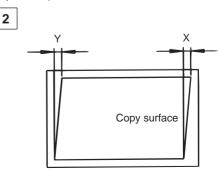
When the hinge space T dimension is changed by 1mm, the X dimension is changed by $0.5 \sim 0.7$ mm,

If the distortion in the Y section cannot be adjusted with adjustment 1, perform adjustment 2.

Adjustment reference

When the hinge a section dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm,

(Copy image pattern 2)



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(Adjustment procedure)

1) Perform adjustment 1 to adjust the distortion in the X section.

Adjustment reference

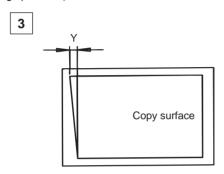
When the hinge base T section dimension is changed by 1mm, the X dimension is changed by $0.5 \sim 0.7$ mm.

If the distortion in the Y section cannot be adjusted with adjustment 1, perform adjustment 2.

Adjustment reference

When the hinge a section dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm.

(Copy image pattern 3)



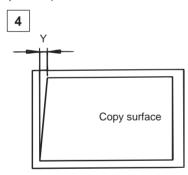
(Adjustment procedure)

1) Perform adjustment 2 to adjust the distortion in the Y section.

Adjustment reference

When the hinge section a dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm.

(Copy image pattern 4)



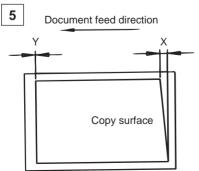
(Adjustment procedure)

1) Perform adjustment 2 to adjust the distortion in the Y section.

Adjustment reference

When the hinge section a dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm.

(Copy image pattern 5)



(Adjustment procedure)

1) Perform adjustment 1 to adjust the distortion in the X section.

Adjustment reference

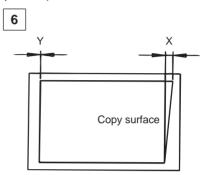
When the hinge base T section dimension is changed by 1mm, the X dimension is changed by $0.5 \sim 0.7$ mm.

2) If the distortion in the Y section cannot be adjusted with adjustment 1, perform adjustment 2.

Adjustment reference

When the hinge section a dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm,

(Copy image pattern 6)



(Adjustment procedure)

1) Perform adjustment 1 to adjust the distortion in the X section.

Adjustment reference

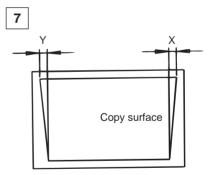
When the hinge base T section dimension is changed by 1mm, the X dimension is changed by $0.5 \sim 0.7$ mm.

If the distortion in the Y section cannot be adjusted with adjustment 1, perform adjustment 2.

Adjustment reference

When the hinge section a dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm,

(Copy image pattern 7)



(Adjustment procedure)

1) Perform adjustment 1 to adjust the distortion in the X section.

Adjustment reference

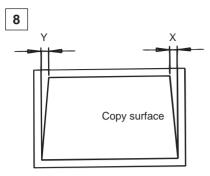
When the hinge base T section dimension is changed by 1mm, the X dimension is changed by 0.5 \sim 0.7mm.

If the distortion in the Y section cannot be adjusted with adjustment 1, perform adjustment 2.

Adjustment reference

When the hinge base T dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm,

(Copy image pattern 8)



(Adjustment procedure)

1) Perform adjustment 1 to adjust the distortion in the X section.

Adjustment reference

When the hinge base T section dimension is changed by 1mm, the X dimension is changed by $0.5 \sim 0.7$ mm.

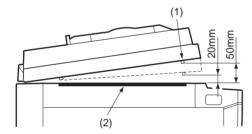
If the distortion in the Y section cannot be adjusted with adjustment 1, perform adjustment 2.

Adjustment reference

When the hinge section a dimension is changed by 1mm, the Y dimension is changed by $0.2 \sim 0.4$ mm,

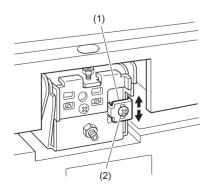
(2) Open/close sensor adjustment

- 1) Execute SIM 2-2 by the key operation of the copier.
 - With the above operation, "AUOD" (automatic document feeder open/close sensor) is displayed on the message screen.
- 2) Check that the open/close sensor (AUOD) is ON when the distance between the base height reference projection (1) inside the automatic document feeder and the table glass (2) is 20 ~ 50mm.



If the distance is shifted, adjust as follows.

 Loosen the fixing screw (2) of the open plate (1) at the rear of the hinge on the right side of the automatic document feeder, and move the open plate up and down to adjust.



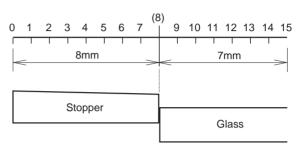
After completion of the adjustment, press the [CA] key to cancel the mode.

I. RADF

(1) Document lead edge stop position adjustment

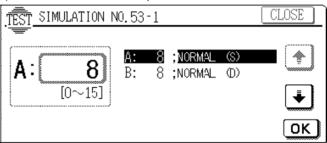
- The ADF document lead edge stop position is adjusted by using SIM 53.
- When shipping, the lead edge is set to (8). An adjustment may be required depending on documents.

The adjustment range is 8mm (8 steps) in the stopper side and 7mm (7 steps) in the glass side. (1mm: 1 step) For each mode of single, and duplex, the adjustment value can be set independently.



Viewed from the operator

1) Execute SIM 53-1 on the copier.



2) Enter the stop position adjustment value in each mode.

[Explanation of abbreviation]

NORMAL (S):

Single, normal paper stop position adjustment

NORMAL (D):

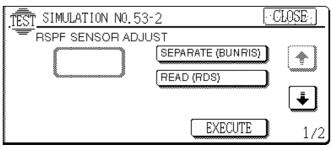
Duplex, normal paper stop position adjustment

08: ±0.0000mm	00: –8.000mm	09: +1.000mm
(Initial value)	01: -7.000mm	10: +2.000mm
	02: -6.000mm	11: +3.000mm
	03: -5.000mm	12: +4.000mm
	04: -8.000mm	13: +5.000mm
	05: -8.000mm	14: +6.000mm
	06: -8.000mm	15: +7.000mm
	07: -8.000mm	

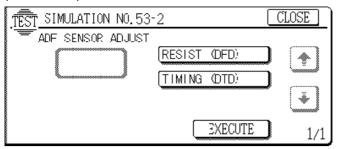
(2) Resist/timing/paper exit sensor adjustment

1) Execute SIM 53-2 on the copier

(AR-501/505)



(Other models)



Select each sensor and press the EXECUTE key, and the adjustment will be performed automatically.

RESIST (DFD): Resist sensor

TIMING (DTD): Timing sensor

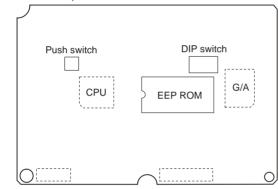
REVERSE (RDD): Reverse sensor *1

*1: Only when the AR-RF1 is installed.

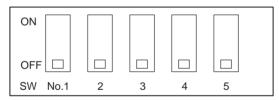
(3) Test mode with DIP switch

The RADF (ADF) single unit operation can be checked with the DIP switch on the control PWB shown below.

(Control PWB view)

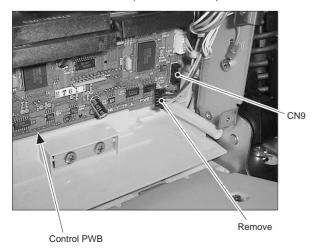


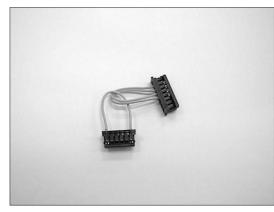
(DIP switch view)



(Operating procedure)

- 1) Remove the control PWB cover.
- Disconnect the connector from the CN9 on the control PWB, and connect the short connector (OCW4074K526//) instead.



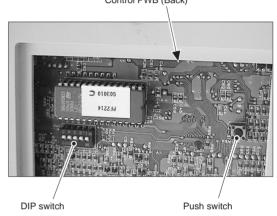


Short connector (0CW4074K526//)

3) Remove the ADF/RADF top cover, and set the DIP switch on the control PWB to the desired test mode. While pressing the push switch ON, turn on the power of the machine.

(With the above operation, the machine enters the test mode.)

Control PWB (Back)



4) Turn on the push switch on the control PWB.

(Test operation is started.)

(To switch to another test mode, set the DIP switch on the control PWB to the desired test mode, and open/close the ADF/RADF paper feed section cover (microswitch FGOS it turned OFF and ON).

• DIP switch 3 meaning

	ON	OFF
DIP switch 3	For AB series	For inch series

• Kinds of test modes and setting of DIP switch

No.	Test mode name	DIP switch
а	Single paper pass mode	All OFF
b	Duplex paper pass mode (AR-RF1 only)	1 ON, the others OFF
С	Single aging mode	1, 3 ON, 2, 4, 5 OFF
d	Duplex aging mode (AR-RF1 only)	4 ON, the others OFF
е	Load check mode	1, 5 ON, 2, 3, 4, OFF
f	EEPROM initializing mode + all sensors adjustment mode	3, 5 ON, 1, 2, 4, OFF
g	Resist sensor adjustment mode	4, 5 ON, 1, 2, 3, OFF
h	Timing sensor adjustment mode	1, 4, 5, ON, 2, 3, OFF
i	Paper exit sensor adjustment mode (AR-RF1 only)	3, 4, 5, ON, 1, 2, OFF

a. Single paper pass mode (with paper)

When documents are set on the paper feed tray, the document feed LED lights up. When the push switch is pressed, all documents on the paper feed tray are fed.

b. Duplex paper pass mode (with paper) ··· AR-RF1 only

When documents are set on the paper feed tray, the document feed LED lights up. When the push switch is pressed, all documents on the paper feed tray are fed.

c. Single aging mode (without paper)

When the push switch is pressed, aging is started. The operation timing is made by detection of each document size on the tray.

d. Duplex aging mode (without paper) ··· AR-RF1 only

When the push switch is pressed, aging is started. The operation timing is made by detection of each document size on the tray.

e. Load check mode

<AR-RF1>

Every time when the push switch is pressed, the operation is performed in the sequence of $1) \sim 21$)

- 1) Ready LED OFF/Document remain LED OFF
- 2) Flapper solenoid ON, wait shutter solenoid OFF
- 3) Flapper solenoid OFF
- 4) Ready LED ON/Document remain LED OFF
- Ready LED ON/Document remain LED ON, wait shutter solenoid ON + Paper feed motor normal rotation 250mm/s (preliminary paper feed operation)
- 6) Ready LED OFF/Document remain OFF, paper feed motor OFF
- Ready LED ON/Document LED ON, paper feed motor reverse drive 250mm/s (two-step extending operation)
- Ready LED OFF/Document remain LED OFF, paper feed motor OFF
- Ready LED ON/Document LED ON, paper feed motor reverse drive 800mm/s (paper feed operation)
- 10) Ready LED OFF/Document remain LED OFF, paper feed motor
- Ready LED ON/Document LED ON, transport motor normal drive 800mm/s
- Ready LED OFF/Document remain LED OFF, transport motor
- Ready LED ON/Document LED ON, transport motor reverse drive 800mm/s
- Ready LED OFF/Document remain LED OFF, transport motor OFF
- Ready LED ON/Document LED ON, reverse motor normal drive 800mm/s (reverse operation)
- Ready LED OFF/Document remain LED OFF, reverse motor OFF
- Ready LED ON/Document LED ON, reverse motor normal drive 800mm/s (paper exit operation)
- 18) Reverse motor normal rotation speed change 800 → 300mm/s (paper exit speed reduction)
- 19) Ready LED OFF/Document remain LED OFF, reverse motor
- Ready LED ON/Document LED ON, reverse motor normal drive 300mm/s (paper exit speed reduction)
- Ready LED OFF/Document remain LED OFF, reverse motor OFF

Return to 1).

<AR-AF1>

Every time when the push switch is pressed, the operation is performed in the sequence of 1) - 24).

- 1) Ready LED ON/Document LED ON, wait shutter solenoid ON
- Ready LED OFF/Document remain LED OFF, wait shutter solenoid OFF
- Ready LED ON/Document LED ON, wait shutter solenoid ON + paper feed motor normal drive 250mm/s (preliminary paper feed operation)
- Ready LED OFF/Document remain LED OFF, wait shutter solenoid OFF + paper feed motor OFF
- Ready LED ON/Document LED ON, paper feed motor reverse drive 250mm/s
- Ready LED OFF/Document remain LED OFF, paper feed motor
- Ready LED ON/Document LED ON, paper feed motor reverse drive 831mm/s
- Ready LED OFF/Document remain LED OFF, paper feed motor OFF
- Ready LED ON/Document LED ON, paper feed motor reverse drive 831mm/s
- Paper feed motor reverse rotation speed change 831 → 300mm/s
- Ready LED OFF/Document remain LED OFF, paper feed motor OFF
- Ready LED ON/Document LED ON, transport motor normal drive 831mm/s
- Ready LED OFF/Document remain LED OFF, transport motor OFF
- Ready LED ON/Document LED ON, transport motor normal drive 831mm/s
- 15) Transport motor normal rotation speed change 831 → 300mm/s
- Ready LED OFF/Document remain LED OFF, transport motor OFF
- Ready LED ON/Document LED ON, transport motor normal drive 831mm/s
- 18) Transport motor normal rotation speed change 831 → 300mm/s
- 19) Transport motor normal rotation speed change $300 \rightarrow 831$ mm/s
- Ready LED OFF/Document remain LED OFF, transport motor OFF
- Ready LED ON/Document LED ON, transport motor reverse drive 208mm/s (switchback operation)
- 22) Ready LED OFF/Document remain LED OFF, transport motor OFF
- Ready LED ON/Document LED ON, paper exit motor normal drive 300mm/s
- 24) Ready LED OFF/Document remain LED OFF, paper exit motor OFF

Return to 1).

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f. EEPROM initializing + all sensors adjustment mode

When the push switch is pressed, the EEPROM is initialized. At that time, the LED blinks at the cycle of 100msec.

After completion of EEPROM initializing, the LED turns ON. In case of an error in the EEPROM initializing, the LED blinks at the cycle of 2000msec.

Then all sensors adjustment is started. At that time, the document remain LED blinks at the cycle of 100msec. After completion of all sensors adjustment, the document remain LED turns ON. In case of an. Error in the all sensors adjustment, the document remain LED blinks at the cycle of 2000msec.

* Only when the EEPROM is successfully completed, the all sensors adjustment is performed.

Kinds of JAM, error	LED display	
EEPROM initializing error	Ready LED blinks at the cycle of 2000msec.	
All sensors adjustment error	Document remain LED blinks at the cycle of 2000msec	

g. Resist sensor adjustment mode

Set the DIP switch (4, 5 to ON, 1, 2, 3 to OFF) and press the push switch. Each sensor adjustment is performed. At that time, the LED blinks at the cycle of 100msec.

After completion of the sensor adjustment, the LED turns ON. In case of an error in the sensor adjustment, the LED blinks at the cycle of 100msec.

Kinds of JAM, error	LED display
Sensor adjustment upper limit error	Document remain LED turns OFF. Ready LED blinks at the cycle of 100msec.
Sensor adjustment lower limit error	Document remain LED blinks at the cycle of 100msec. Ready LED turns OFF

* This mode can be adjusted with SIM 53-2.

h. Timing sensor adjustment mode

Set the DIP switch (1, 4, 5 to ON, 2, 3 to OFF) and press the push switch. Each sensor adjustment is performed. At that time, the LED blinks at the cycle of 100msec.

After completion of the sensor adjustment, the LED turns ON. In case of an error in the sensor adjustment, the LED blinks at the cycle of 100msec.

Kinds of JAM, error	LED display	
Sensor adjustment upper limit error	Document remain LED turns OFF. Ready LED blinks at the cycle of 100msec.	
Sensor adjustment lower limit error	Document remain LED blinks at the cycle of 100msec. Ready LED turns OFF	

* This mode can be adjusted with SIM 53-2.

i. Paper exit sensor adjustment mode

Set the DIP switch (3, 4, 5 to ON, 1, 2 to OFF) and press the push switch. Each sensor adjustment is performed. At that time, the LED blinks at the cycle of 100msec.

After completion of the sensor adjustment, the LED turns ON. In case of an error in the sensor adjustment, the LED blinks at the cycle of 100msec.

Kinds of JAM, error	LED display	
Sensor adjustment	Document remain LED turns OFF.	
upper limit error	Ready LED blinks at the cycle of	
	100msec.	

Sensor adjustment lower limit error	Document remain LED blinks at the cycle of 100msec.
	Ready LED turns OFF

* This mode can be adjusted with SIM 53-2.

(4) Kinds of error (RADF single mode only)

Kinds of JAM, error	LED display
Not-reaching/remaining JAM in the paper feed section	Document remain LED blinks at the cycle of 1000msec.
Not-reaching/remaining JAM in the paper exit section	Ready LED blinks at the cycle of 1000msec.
Paper feed motor lock error	Document remain LED blinks at the cycle of 2000msec.
Resist/timing sensor adjustment error (when power is supplied)	Document remain LED blinks at the cycle of 100msec.
Paper exit sensor adjustment error (when power is supplied)	Ready LED blinks at the cycle of 100msec.

A JAM/motor lock error can be canceled by opening/closing the ADF after jam recovery process or by applying the power again.

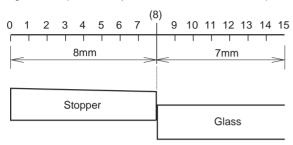
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J. RADF (AR-RF2)

(1) Document lead edge stop position adjustment

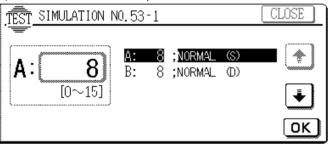
- The ADF document lead edge stop position is adjusted by using SIM 53
- When shipping, the lead edge is set to (8). An adjustment may be required depending on documents.

The adjustment range is 8mm (8 steps) in the stopper side and 7mm (7 steps) in the glass side. (1mm: 1 step) For each mode of single, and duplex, the adjustment value can be set independently.



Viewed from the operator

1) Execute SIM 53-1 on the copier.



2) Enter the stop position adjustment value in each mode.

[Explanation of abbreviation]

NORMAL (S):

Single, normal paper stop position adjustment

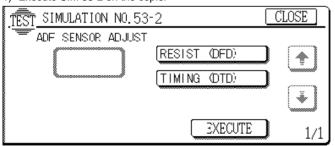
NORMAL (D):

Duplex, normal paper stop position adjustment

08: ±0.0000mm 00: -8.000mm 09: +1.000mm (Initial value) 01: -7.000mm 10: +2.000mm 02: -6.000mm 11: +3.000mm 03: -5.000mm 12: +4.000mm 04: -8.000mm 13: +5.000mm 05: -8.000mm 14: +6.000mm 06: -8.000mm 15: +7.000mm 07: -8.000mm

(2) Resist/timing/paper exit sensor adjustment

1) Execute SIM 53-2 on the copier



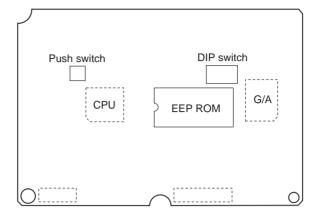
Select each sensor and press the EXECUTE key, and the adjustment will be performed automatically.

RESIST (DFD): Resist sensor
TIMING (DTD): Timing sensor
REVERSE (RDD): Reverse sensor

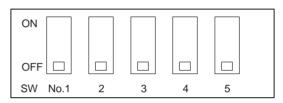
(3) Test mode with DIP switch

The RADF (ADF) single unit operation can be checked with the DIP switch on the control PWB shown below.

(Control PWB)

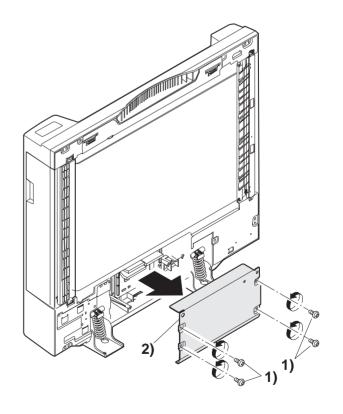


(DIP switch)

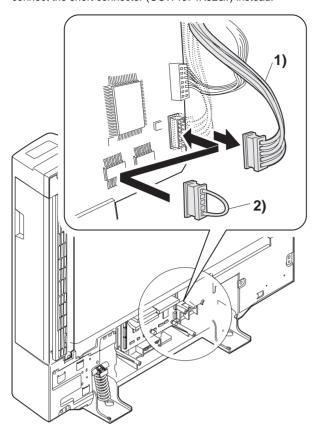


(Operating procedure)

1) Remove the control PWB cover.



Disconnect the connector from the CN9 on the control PWB, and connect the short connector (OCW4074K526//) instead.



Remove the ADF/RADF top cover, and set the DIP switch on the control PWB to the desired test mode. While pressing the push switch ON, turn on the power of the machine.

(With the above operation, the machine enters the test mode.)

4) Turn on the push switch on the control PWB.

(Test operation is started.)

(To switch to another test mode, set the DIP switch on the control PWB to the desired test mode, and open/close the ADF/RADF paper feed section cover (microswitch FGOD is turned OFF and ON).

• DIP switch 3 meaning

	ON	OFF
DIP switch 3	For AB series	For inch series

· Kinds of test modes and setting of DIP switch

No.	Test mode name	DIP switch
а	Single paper pass mode	All OFF
b	Duplex paper pass mode	1 ON, the others OFF
С	Single aging mode	1, 3 ON, 2, 4, 5 OFF
d	Duplex aging mode	4 ON, the others OFF
е	Load check mode	1, 5 ON, 2, 3, 4, OFF
f	EEPROM initializing mode + all sensors adjustment mode	3, 5 ON, 1, 2, 4, OFF
g	Resist sensor adjustment mode	4, 5 ON, 1, 2, 3, OFF
h	Timing sensor adjustment mode	1, 4, 5, ON, 2, 3, OFF
i	Paper exit sensor adjustment mode (AR-RF1 only)	3, 4, 5, ON, 1, 2, OFF

a. Single paper pass mode (with paper)

When documents are set on the paper feed tray, the document feed LED lights up. When the push switch is pressed, all documents on the paper feed tray are fed.

b. Duplex paper pass mode (with paper)

When documents are set on the paper feed tray, the document feed LED lights up. When the push switch is pressed, all documents on the paper feed tray are fed.

c. Single aging mode (without paper)

When the push switch is pressed, aging is started. The operation timing is made by detection of each document size on the tray.

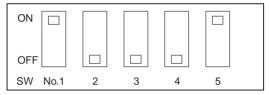
d. Duplex aging mode (without paper)

When the push switch is pressed, aging is started. The operation timing is made by detection of each document size on the tray.

e. Load check mode

Set the DIP switch on the contro PWB as shown below, and open and close the ADF/ RADF paper feed section cover to enter the load check mode.

(DIP switch)



Every time when the push switch is pressed, the operation is performed in the sequence of 1) \sim 21)

- Document feed LED ON, Document remain LED ON, Paper feed solenoid ON
- 2) Reverse solenoid ON, Paper feed solenoid OFF
- Document feed LED OFF, Document remain LED OFF, Reverse solenoid OFF
- Document feed LED ON, Document remain LED OFF, Paper feed solenoid ON, Paper feed motor forward rotation 450mm/s (Preliminary paper feed operation)
- Document feed LED OFF, Document remain LED OFF, Paper feed solenoid OFF, Paper feed motor OFF
- Document feed LED ON, Document remain LED ON, Paper feed motor reverse rotation 450mm/2 (2-step advanced feed)
- Document feed LED OFF, Document remain LED OFF, Paper feed motor OFF
- 8) Document feed LED ON, Document remain LED ON, Paper feed motor reverse rotation 850mm/s (Paper feed operation)
- Document feed LED OFF, Document remain LED OFF, Paper feed motor OFF
- Document feed LED ON, Document remain LED ON, Transport motor forward rotation 867mm/s
- Document feed LED OFF, Document remain LED OFF, Transport motor OFF
- Document feed LED ON, Document remain LED ON, Transport motor reverse rotation 867mm/s
- 13) Document feed LED OFF, Document remain LED OFF, Trans-
- port motor OFF

 14) Document feed LED ON, Document remain LED ON, Reverse
- motor forward rotation 867mm/s (reverse operatoin)

 15) Document feed LED OFF, Document remain LED OFF, Reverse
- 16) Document feed LED ON, Document remain LED ON, Reverse motor forward rotation 867mm/s (Pulling/paper exit operation)

motor OFF

- Reverse motor speed reduction 867 → 297mm/s (Paper exit speed reduction)
- Document feed LED OFF, Document remain LED OFF, Reverse motor OFF
- Document feed LED ON, Document remain LED ON, Reverse motor forward rotation 867mm/s (Paper exit operation)
- 20) Reverse motor speed reduction 867 \rightarrow 297mm/s (Paper exit speed reduction)
- Document feed LED OFF, Document remain LED OFF, Reverse motor OFF

Kind of JAM, error	LED display
Paper feed motor lock error	REMOVE ORIGINAL LED blinks at
	the cycle of 2000msec.

Return to 1).

f. EEPROM initializing + all sensors adjustment mode

When the DIP switch is set (3, 5 to ON, 1, 2, 4 to OFF) the push switch is pressed, the EEPROM is initialized. At that time, the LED blinks at the cycle of 100msec.

After completion of EEPROM initializing, the LED turns ON. In case of an error in the EEPROM initializing, the LED blinks at the cycle of 2000msec.

Then all sensors adjustment is started. At that time, the document remain LED blinks at the cycle of 100msec. After completion of all sensors adjustment, the document remain LED turns ON. In case of an. Error in the all sensors adjustment, the document remain LED blinks at the cycle of 2000msec.

* Only when the EEPROM is successfully completed, the all sensors adjustment is performed.

Kinds of JAM, error	LED display
EEPROM initializing error	Ready LED blinks at the cycle of 2000msec.
All sensors adjustment error	Document remain LED blinks at the cycle of 2000msec

g. Resist sensor adjustment mode

Set the DIP switch (4, 5 to ON, 1, 2, 3 to OFF) and press the push switch. Each sensor adjustment is performed. At that time, the LED blinks at the cycle of 100msec.

After completion of the sensor adjustment, the LED turns ON. In case of an error in the sensor adjustment, the LED blinks at the cycle of 100msec.

Kinds of JAM, error	LED display
Sensor adjustment	Document remain LED turns OFF.
upper limit error	Ready LED blinks at the cycle of 100msec.
Sensor adjustment	Document remain LED blinks at the cycle of
lower limit error	100msec.
	Ready LED turns OFF

* This mode can be adjusted with SIM 53-2.

h. Timing sensor adjustment mode

Set the DIP switch (1, 4, 5 to ON, 2, 3 to OFF) and press the push switch. Each sensor adjustment is performed. At that time, the LED blinks at the cycle of 100msec.

After completion of the sensor adjustment, the LED turns ON. In case of an error in the sensor adjustment, the LED blinks at the cycle of 100msec.

Kinds of JAM, error	LED display
Sensor adjustment	Document remain LED turns OFF.
upper limit error	Ready LED blinks at the cycle of 100msec.
Sensor adjustment	Document remain LED blinks at the cycle of
lower limit error	100msec.
	Ready LED turns OFF

★ This mode can be adjusted with SIM 53-2.

i. Paper exit sensor adjustment mode

Set the DIP switch (3, 4, 5 to ON, 1, 2 to OFF) and press the push switch. Each sensor adjustment is performed. At that time, the LED blinks at the cycle of 100msec.

After completion of the sensor adjustment, the LED turns ON. In case of an error in the sensor adjustment, the LED blinks at the cycle of 100msec.

Kinds of JAM, error	LED display
Sensor adjustment	Document remain LED turns OFF.
upper limit error	Ready LED blinks at the cycle of 100msec.
Sensor adjustment	Document remain LED blinks at the cycle of
lower limit error	100msec.
	Ready LED turns OFF

* This mode can be adjusted with SIM 53-2.

(4) Kinds of error (RADF single mode only)

Kinds of JAM, error	LED display
Not-reaching/remaining JAM in	Document remain LED blinks at
the paper feed section	the cycle of 1000msec.
Not-reaching/remaining JAM in	Ready LED blinks at the cycle
the paper exit section	of 1000msec.
Paper feed motor lock error	Document remain LED blinks at
	the cycle of 2000msec.
Resist/timing sensor	Document remain LED blinks at
adjustment error (when power	the cycle of 100msec.
is supplied)	
Paper exit sensor adjustment	Ready LED blinks at the cycle
error (when power is supplied)	of 100msec.

A JAM/motor lock error can be canceled by opening/closing the ADF after jam recovery process or by applying the power again.

K. RSPF

There are following items of adjustments by the simulations of the machine.

		A -1'11	
		Adjustment	
		value	
Name	Adjustment items	(Key	Note
		operation on	
		the machine)	
Lead edge	The lead edge and the		SIM 50-1/2
position	image lead edge are		SIM 50-6/7
adjustment	adjusted in the range of	0 ~ 100	Default: 50
	+5mm to +5mm.	0 ~ 100	
	(Front and back surface		
	of a document)		
Magnification	The magnification ration		SIM 48-1
ratio	is corrected. (-4.9% to	1 ~ 99	Default: 50
adjustment	+4.9%)(Front and back	1 ~ 33	
	surface of a document)		
Resist	No. 1 resist (front surface		SIM 51-2
quantity	of document) loop	1 ~ 99	Default: 50
adjustment	quantity adjustment	1 ~ 33	
	(0.1mm ~ 9.9mm)		
	No. 2 resist (front surface		SIM 51-2
	of document) loop	31 ~ 99	Default: 50
	quantity adjustment	01 00	
	(0.1mm ~ 6.9mm)		
Image loss	The output timing of data		SIM 50-1/2
adjustment	enable signal (DEN) is		SIM 50-6/7
	adjusted and data write	0 ~ 100	Default: 50
	from the image lead edge	0 100	
	to the set quantity is cut.		
	(0 ~ 10mm)		
Center shift			SIM 50-12
adjustment			
Reflection	Automatic initialization of		SIM 53-2
type sensor	the post-separation		
adjustment	sensor, the read sensor,		
	and the SB sensor is		
	performed.		

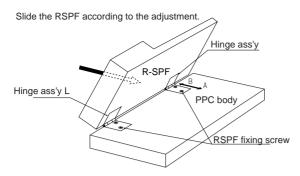


Image distortion adjustment procedure

Adjustment of hinge base dimension T of hinge ass'y R

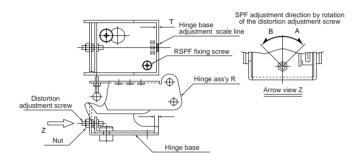
- (1) Loosen the RSPF fixing screw.
- (2) Loosen the nut and turn the distortion adjustment screw to adjust dimension T.
- (3) Tighten two SPF fixing screws to fix the hinge base.
- (4) Tighten the nut with the distortion adjustment screw fixed.

(Adjustment 1) Turn the distortion adjustment screw in direction of A.

— Dimension T is increased.

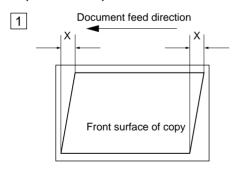
(Adjustment 2) Turn the distortion adjustment screw in direction of B.

— Dimension T is decreased.

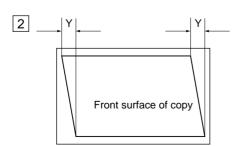


(Adjustment procedure)

1) Perform Adjustment 1 to adjust the distortion in X section.



1) Perform Adjustment 1 to adjust the distortion in Y section.

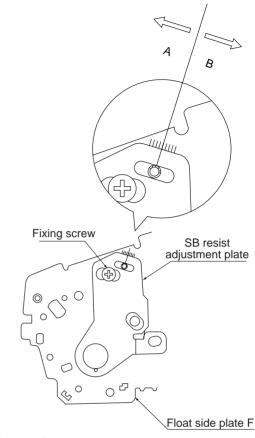


Back surface resist adjustment

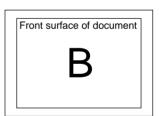
Back surface resist adjustment by the SB resist adjustment plate

- (1) Loosen the fixing scrw.
- (2) If the copied image is as shown in 1, shift and adjust the adjustment plate in the direction of A.

If the copied image is as shown in 2, shift and adjust the adjustment plate in the direction of B.

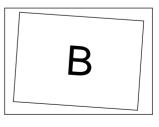


(Set document)

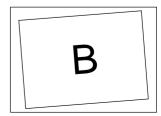


(Copy)

Copy ①



Copy 2

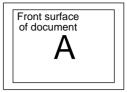


Skew adjustment

(Set document)

Skew adjustment by the upper guide and the lower guide

- (1) Loosen four fixing screws.
- (2) If the copied image is as shown in ①, shift and adjust the adjustment plate in the direction of A. If the copied image is as shown in ②, shift and adjust the adjustment plate in the direction of B.



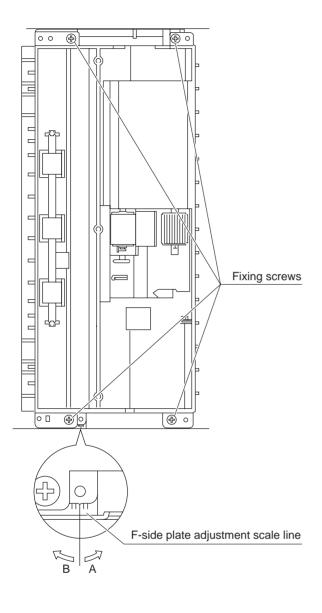
(Copy)

Copy 1

Α

Copy 2





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[7] SIMULATION

(Diagnostics, setting, adjustment value input, data display)

1. Outline and purpose

There are following, simulation functions to check the machine operations, troubleshoot, find causes, make various settings, improve adjustment work speeds and serviceability.

- 1) Various adjustments
- 2) Specification and function setting
- 3) Trouble cancel
- 4) Operation check
- 5) Counters check, setting, clear
- 6) Machine operation conditions (operation history) data check, clear
- 7) Transmission of various data (adjustment, setting, operations, counter, etc.)

The operating procedures and displays slightly differ from the form of the machine operation panel.

The typical forms are as follows:

- Code system: Values input and mode selection are made with the 10-key pad and various function keys.
- Switch system: Simulation mode selection is made by combination of switch setting.
- 3) Values and mode selection is made with various function keys. As a special one, a jumper wire is used to connect the check points on the PWB to select the desired mode.

2. Code system simulation

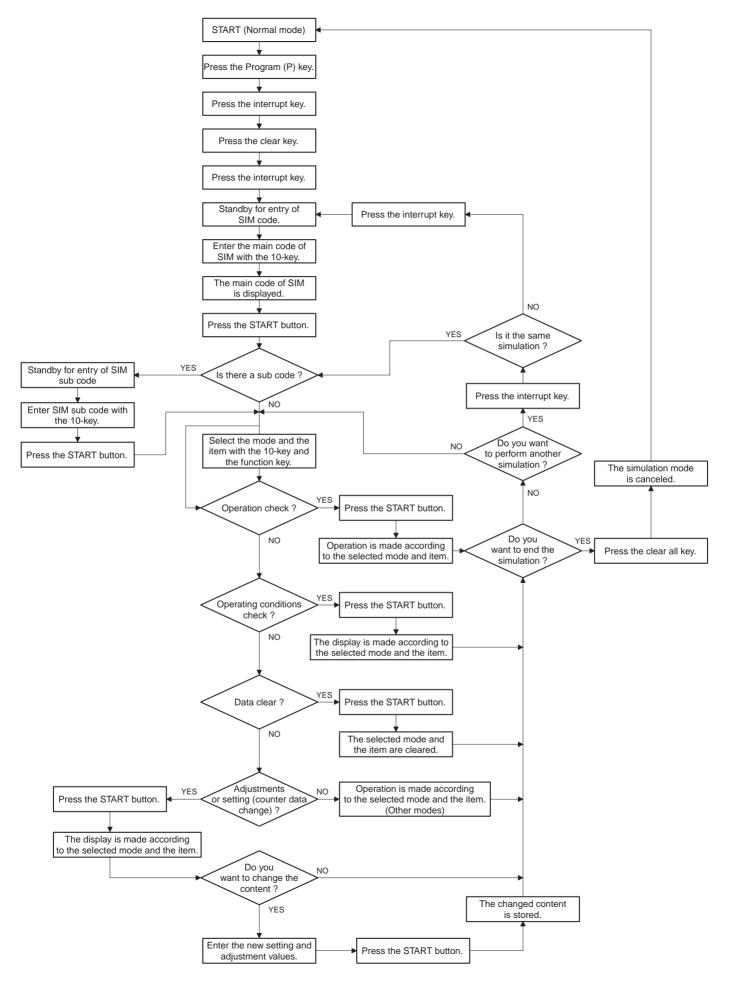
A. Operating procedures and operations

- * Entering the simulation mode
- Program (P) key → Interrupt key → Clear key → Interrupt key (The machine enters the standby mode for the simulation main code.)
- 2) Enter the main code with 10-key pad. \rightarrow Press START key.
- 3) Enter the sub code of with 10-keypad. \rightarrow Press START key.
- 4) Select the mode and the item with the 1-key pad and the function key.
- 5) The machine enters the selected mode.
 - To start the simulation, press the START key or the function key.

 To cancel the current simulation mode and to change the main code and the sub code, press the interrupt key.
- * The simulation mode is canceled and the machine returns to the normal operation mode.
- 1) Press the all clear key.

SIM 46-12, 13, 14, 15, 16, SIM66 and SIM68 are provided only for Japan models (FAX mode/ASK/IrDA).

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[Descriptive Conventions]

For the sake of keeping the use of information common among several models, this manual uses the following conventions:

AR-5XX: Refers to model AR-501/505, AR-4XX: Refers to model AR-405, AR-2X1/3X1/4XX/250/XX6: AR-281/286/405/250/336,

AR-2XX, 3XX: Refers to model AR-280/285/335 for this issue.

* The "X" stands for any numeral 0 to 9.

B. List

Code		<u> </u>
Main Sub		Function (Purpose)
1	1	Used to check the operation of the scanner unit and its control circuit.
	2	Used to check the operation of sensors and detectors in the scanner section and the related circuit.
2	1	Used to check the operation of the SPF/ADF/RSPF/RADF unit and its control circuit.
	2	Used to check the operation of sensors and detectors in the SPF/ADF/RSPF/RADF units and the related circuit.
	3	Used to check the operation of the loads in the SPF/ADF/RSPF/RADF units and the control circuits.
3	2	Used to check the operation of sensors and detectors in the sorter and the related circuit.
	3	Used to check the operation of the loads in the sorter and the control circuit.
	6	Used to adjust the finisher stacking capability. (Used to adjust the stop position of the finisher paper width direction alignment plate (jogger). This adjustment is made by changing the width direction alignment plate home position by the software.)
4	2	Used to check the operation of sensors and detectors in the paper feed section (desk feed, large capacity tray) and the related circuit.
	3	Used to check the operation of the loads in the paper feed section (desk paper feed, large capacity tray) and the control circuits.
5	1	Used to check the operation of the display, LCD in the operation panel, and control circuit.
	2	Used to check the operation of the heater lamp and the control circuit.
	3	Used to check the oepration of the copy lamp and the control circuit.
	4	Used to check the operation of the discharge lamp and the control circuit.
	6	Used to check the operation of the separation lamp and its control circuit. (AR-501/505 only)
6	1	Used to check the operation of the loads (clutches and solenoids) in the paper transport system and the control circuit.
	2	Used to check the operation of each fan motor and its control circuit.
7	1	Used to set the aging operation conditions.
	6	Used to set the cycle of intermittent aging.
	8	Used to set YES/NO of display of the warmup time.
8	1	Used to check and adjust the operation of the developing bias voltage in each print mode and the control circuit. (for OPC drum type B)
	2	Used to check and adjust the operation of the main charger grid voltage in each print mode and the control circuit. (for OPC drum type B)
	6	Used to check and adjust the transfer charger current and the control circuit.
	7	Used to check and adjust the operation of the separation charger voltage and its control circuit.
9	1	Used to check the operation of the loads (clutches and solenoids) in the duplex section and the control circuit.
	2	Used to check the operation of sensors and detectors in the duplex section and the control circuit.
	4	Used to check the operation of the duplex unit alignment plate and its control circuit.

Co	de	_
Main	Sub	Function (Purpose)
10	0	Used to check the operation of the toner motor and its control circuit. (Note) Do not execute this simulation with toner in the toner hopper. If executed, excessive toner may enter the developing section, causing an overtoner trouble. Be sure to remove the toner motor from the toner hopper before executing this
		simulation.
13	0	Used to cancel the self diag U1 trouble.
14	0	Used to cancel the self diag U1/LOC/U2/PF troubles.
15	0	Used to cancel the self diag U4 - 09/20/21/22 (large capacity tray) trouble.
16	0	Used to cancel the self diag U2 trouble.
17	0	Used to cancel copy inhibition by the host computer during the self diag PF.
21	1	Used to set the maintenance cycle.
22	1	Used to check the print out count of each section in each operation mode. (Used to check the maintenance timing.)
	2	Used to check the total numbers of misfeed and troubles. (When the number of misfeed is considerably great, it is judged as necessary for repair. The misfeed rate is obtained by dividing this count value with the total counter value.)
	3	Used to check the misfeed positions and the number of misfeed in each position. (If the number of misfeed is considerably great, it can be judged as necessary for repair.) (Sections other than ADF/RADF/SPF sections)
	4	Used to check the total trouble (self diag) history.
	5	Used to check the ROM version of each unit (section).
	6	Used to output the list of the setting and adjustment data (simulations, FAX soft switch, counters).
	7	Used to display the key operator code. (This simulation is used when the customer forgets the key operator code.)
	8	Used to check the number of use of the staple, the ADF, RADF, SPF, and scanning.
	9	Used to check the number of use of each paper feed section. (the number of prints)
	10	Used to check the system configuration (option, internal hardware).
	11	Used to check the use frequency of FAX (send/receive). (FAX model only)
	12	Used to check the misfeed positions and the number of misfeed at each position. (When the number of misfeed is considerably great, is can be judged as necessary for repair.)
24	1	Used to clear the misfeed counter, the misfeed history, the trouble counter, and the trouble history. (The counters are cleared after completion of maintenance.)
	2	Used to clear the number of use (the number of prints) of each paper feed section.
	3	Used to clear the data of the number of use of the staple, the SPF, ADF, RSPF, RADF and scanning.
	4	Used to reset the maintenance counter.
	5	Used to reset the developer quantity counter. (The developer counter of the installed developing unit is reset.)
	6	Used to reset the copy counter.
	7	Used to clear the OPC drum (membrane decrease) correction counter.
		(This simulation is executed when the OPC drum is replaced.
	8	Used to clear the Zaurus print counter.

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Code		
Code Main Sub		Function (Purpose)
24	9	Used to clear the printer print counter. (The counter is cleared after completion of maintenance.)
	11	Used to reset the developer rotation time counter. (The
		developer counter of the installed developing unit is reset.)
		(AR-501/505 only)
25	1	Used to check the operation of the main drive (excluding the scanner section) and to check the operation of the toner
		concentration sensor. (The toner concentration sensor output
		can be monitored.)
	2	Used to make the initial setting of toner concentration when replacing developer.
	8	Used to set the timing of toner concentration control
		correction B and the correction quantity. The timing is
		determined according to the acuumulated use time of developer. (AR-501/505 only)
26	1	Used to set options. (This simulation is used to make option
	,	setting when an option is installed.)
	2	1) Used to set the paper size of the large quantity paper
		tray. (When the paper size is changed, the lift paper size must be also changed with this simulation.)
		2) Used to detect the paper or document size of 8.5" x
		13" (Inch series) and set the display mode. (All paper
	3	feed modes) Used to set the specifications of the auditor. Setting must be
	3	made depending on the use condition of the auditor.
	5	Used to set the count mode of the total counter and the
	_	maintenance counter.
	6 15	Used to set the specifications depending on the destination.
	15	Used to set the fusing operation mode (paper curl corresponding mode).
	18	Used to set VALID/INVALID of toner save operation. (This
		simulation is valid only in the Japan and UK versions. (It
		depends on SIM 26-6 (Destination setting). For the other destinations, the same setting can be executed with the user
		program.)
	22	Used to set the specification (language display) for the
	30	destination. (Excluding the Japan models.) Used to set the CE mark conforming operation mode.
	50	(For flickers when driving the fusing heater lamp.)
	35	Used to set whether the trouble history display of SIM 22-4 is
		displayed as one trouble or as the number of continuous troubles when two or more troubles of a same kind occured.
	36	Used to set the ICU fan operating temperature. (Operation in
		the pre-heat mode.) (Excluding Japan models.)
	40	Polygon motor stop mode setup (AR-501/505)
		Used to set the stop time of the polygon motor after leaving in ready state and to set Enable/Disable of the setting. (Other
		models)
	41	Used to enable/disable the auto magnification ratio select
	44	(AMS) function in the pamphlet copy mode. Used to set the model of the unit which is connected to the
	77	SCSI I/F of ICU PWB.
	50	Used to set YES/NO of black/white reversion is allowed.
	52	Used to set whether white paper discharge count up is
		performed or not. ("White paper" means insertion paper in the OHP insertion
		paper mode (without copy), cover paper in the cover paper
		insertion mode (without copy)/back cover, and white paper in
27	1	the duplex exit mode (CA etc.).) Used to set the operation specifications when a
۲,	'	communication trouble occurs between the host computer
		and MODEM (on the copier). (When a communication trouble
		occurs between the host computer and MODEM (copier), the self diag display (U7-00) is printed and setting is made to
		select inhibit/allow of printing.)
	2	Used to set and change the host computer/MODEM
		numbers. (This setting is required when a communication is made between the copier and a computer through MODEM.)
	3	Used to set and change the ID numbers of the copier and the
		host computer/MODEM numbers. (This setting is required
		when a communication is made between the copier and a
		computer through MODEM.)

Code		Franchism (Dromana)
Main	Sub	Function (Purpose)
27	4	Used to enter the start time and the end time of servicing for management of service work. (The data can be checked by
		the host computer.)
	5	Used to enter the TAG No. of the copier. (This simulation
		allows to check the machine TAG No. with the host
30	1	computer.)
30	ı	Used to check the operation of sensors and detectors in the paper feed section, the paper transport section, and the
		paper exit section, and the related circuit.
	2	Used to check the operation of sensors and detectors in the
		paper feed section and the related circuits.
		(The operations of sensors and detectors in the paper feed
		section can be monitored with the LCD.)
40	1	Used to check the operation of the manual paper feed tray paper size detector and the related circuit. (The operation of
		the manual paper feed tray paper size detector can be
		monitored with the LCD.)
	2	Used to adjust the manual paper feed tray paper width
		detector detection level.
41	1	Used to check the operation of the document size sensor and
		the related circuit. (The operation of the document size
	_	sensor can be monitored with the LCD.)
	2	Used to adjust the document size sensor detection level.
	3	Used to check the operation of the document size sensor and
		the related circuit. (The document size sensor output level can be monitored with the LCD.)
43	1	Used to set the fusing temperature in each operation mode.
	3	Used to adjust the fusing motor speed. (AR-501/505 only)
	8	Used to set the time to rotate the fusing motor after reaching
		the set temperature in warming up. (AR-501/505 only)
44	1	Used to set whether the correction functions of the image
		forming (process) section are valid or not.
	2	Used to adjust the sensitivity (gain) of the OPC drum mark
		sensor and the image density sensor.
	4	Used to set the target image (reference) density level in the
	5	developing bias voltage correction.
	5	Used to set various parameters (main charger grid voltage, laser beam power, correction start developing bias voltage) in
		developing bias correction.
	9	Used to check the data on the result of the image forming
		section correction (process correction) (the corrected main
		charger grid voltage in each print mode, developing bias
		voltage, the laser power, etc.) (This simulation allows to check whether the correction is
		executed properly or not.)
	12	Used to check the toner image patch density date in
		correction operation of the image forming section. (This
		simulation allows to check whether the correction is executed
		properly or not.)
	15	Used to set the correction values of various parameters
		(maincharger grid voltage, laser beam power, developing bias voltage) in the image forming operation and image forming
		section correction for OPC drum type A.
		(AR-250/280/281/285/286/335/336/405 only)
46	2	Used to adjust the copy density in the copy mode
		(binary/multi-value - auto, character and photo, photo mode).
		(The overall print density in each mode (all of the specified density set for each density level (display value)) can be
		adjusted in each mode.)
	3	Used to adjust the copy density in the copy mode (multi
		value-auto, character and photo, photo mode).
		(The overall print density in each mode (all of the specified
		density set for each density level (display value)) can be
	F	adjusted in each mode.) (AR-250/280/285/330/335 only) Used to adjust the print density for each density level (display
	5	value) in the copy mode (multi character mode).
		An arbitrary print density can be set for each density level
		(display value). (AR-250/280/285/330/335 only)
	6	Used to adjust the print density for each density level (display
		value) in the copy mode (multi value-character, photo mode).
		An arbitrary print density can be set for each density level
		(display value). (AR-250/280/285/330/335 only)

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Code					
Main Sub		Function (Purpose)			
46	7	Used to adjust the print density for each density level (display value) in the copy mode (multi value - photo mode). (Japan only)			
	9	Used to adjust the print density for each density level (display value) in the copy mode (binary - character mode).			
46	10	Used to adjust the print density for each density level (display value) in the copy mode (binary - character, photo mode). An arbitrary print density can be set for each density level (display value).			
	11	Used to adjust the print density for each density level (display value) in the copy mode (binary - photo mode). An arbitrary print density can be set for each density level (display value).			
	17	Used to execute shading correction and display the correction value.			
	18	Used to adjust γ (density gradient) in each copy mode. (Target models: AR-2X1/3X1/4XX/250/XX6/5XX series)			
19		Used to adjust γ (density gradient) and set the density detection area in the auto copy mode and to set the image process mode in the photo copy mode. (Target models: AR-2X1/3X1/4XX/250/XX6/5XX series)			
	20	Used to adjust the copy density correction in the SPF (RSPF) copy mode for the document table copy mode. Adjustment is made so that the copy density is the same as that in the document table copy mode. (Target models: AR-2X1/3X1/4XX/250/XX6/5XX series)			
48	1	Used to adjust the copy magnification ratio (main scanning direction, sub scanning direction).			
50	1	Used to adjust the copy image position and the void area (image loss) on the print paper in the copy mode. (The same adjustment can be made with SIM 50-2 (simple method).)			
	2	Used to adjust the copy image position and the void area (image loss) on the print paper in the copy mode. (Simple adjustment) (This simulation allows the same simulation with SIM 50-1 more simply.)			
5 Used to adjust the print paper in the 6 Used to adjust the		Used to adjust the print image position (top margin) on the print paper in the print mode.			
		Used to adjust the copy lead edge. (RSPF) Used to adjust the copy lead edge (simple method). (RSPF)			
	10	Used to adjust the print image center position. (Adjustment			
	12	can be made for each paper feed section.) Used to adjust the print image center position. (Adjustment can be made for each document mode.)			
	26	Used to set the folding margin of center binding.			
51	1	Used to adjust the OPC drum separation pawl ON timing.			
	2	Used to adjust the contact pressure of paper onto the resist roller in each section (copier paper feed section, duplex paper feed section, SPF paper feed section). (When the print image position varies greatly for the paper or when a lot of paper jam troubles occur, the adjustment is required.)			
	8	Used to set Enable/Disable of the drum separation pawl drive solenoid (PSPS) operation for each paper feed section. (AR-501/505 only)			
52	1	Used to adjust the duplex print mode stacking capability. (Used to adjust the stop position of the paper tray width direction alignment plate in the duplex unit. The adjustment is executed by changing the width direction alignment plate home position in the software.)			
53	1	Used to adjust the document stop position in each operation mode of ADF/RADF. (Target model: AR-250/280/285/335/405)			
	2	Used to adjust the optical sensor sensitivity in the ADF/RADF. (Target models: AR-250/280/285/335/405/501/505)			
	6	Used to adjust the RSPF width detection level. (AR-501/505 only)			
60	1	Used to check the operation (read/write) of ICU (DRAM). (SIMM MEMORY/ONBOARD MEMORY)			
61	1	Used to test the operation of the scanner (exposure) unit.			

Codo				
Code		Function (Purpose)		
Main 61	Sub 2	Used to adjust the scanner (exposure) laser power (absolute		
01	2	value) in the copy mode.		
4		Used to adjust the scanner (exposure) laser power (absolute value) in the printer mode. (For Photoconductor type B)		
62	1	Used to format the hard disk. (Target models: AR-250/280/285/335)(Models with the hard disk installed only)		
2		Used to check the operation (read/write) of the hard disk. (Target models: AR-250/280/285/335)(Models with the hard disk installed only.) (Partial check)		
62	3	Used to check the operation (read/write) of the hard disk. (Target models: AR-250/280/285/335) (Only the models with a hard disk) (All area check)		
63	1	Used to check the result of shading correction. (The shading correction data are displayed.)		
	7	Used to adjust the white plate scanning start position in the shading white correction. (AR-501/505 only)		
64	1	Used to check the operation of the printer function (auto print operation). (Print pattern, paper feed mode, print mode, the number of sheets, and the density can be set to an arbitrary value.)		
2 1		Used to adjust the touch panel (LCD display) detecting position.		
		Used to check the result of the touch panel (LCD display) detecting position adjustment. (The coordinates are displayed.)		
67	1	Used to check the printer PWB memory operation (read/write). (When replacing the PWB with a new one, this check must be performed.)		
simulation is used only f		Used to check the printer parallel I/F operation. (This simulation is used only for production, and a special tool is required. Not available in the market.)		
	3	Used to adjust the printer parallel I/F ACk signal width.		
11 Used to set YES/NO signal.		Used to set YES/NO of the printer parallel I/F SELECT IN signal.		
12		Used to write data into the printer flash memory.		
	13	Used to check the printer flash memory data.		
	14	Used to check the printer flash memory data writing and its result.		
15		Used to check the sum of the printer flash memory.		
	16	Used to check the operation of the network card.		
	17	Used to clear data in the NVRAM of the printer PWB (set to the default). (Printer set data)		
68	1	Used to check the operation of infrared communication I/F (Zaurus link) and the related circuit. (Target models: AR-F230/S280/F280S/F280R/S330)(Japan models only)		
69	1	Used to check the input/output by connecting channels A and B of SCSI with the SCSI cable. (AR-501/505 only)		

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C. Details of simulations

1 - 1		
Purpose	Operation test/check	
Function (Purpose)	Used to check the operation of the scanner unit and its control circuit.	
Section	Optical (Image scanning)	
Item	Operation	
Operation/ Procedure	Select the copy (scanning) magnification ratio with the zoom key.	

The magnification ratio can be increased or decreased with the [ZOOM] key by the increment of

The selected magnification ratio is displayed on the magnification ratio display.

2. Press the [EXECUTE] key.

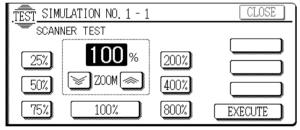
Scanning is performed at the magnification ratio set in procedure 1 is executed. During scanning, the [EXECUTE] key is

If the [EXECUTE] key is pressed under this state, the operation is interrupted. After completion of scanning, the [EXE-CUTE] key returns to the normal display.

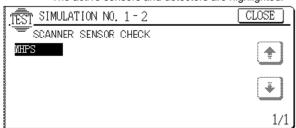
To resume scanning, start with procedure 2.

To change the magnification ratio, start with procedure 1.

Scanning is performed at the max. scanning length (432mm). If, however, the magnification ratio is set to greater than 100%, the scanning length is changed accordingly.



1 - 2		
Purpose	Operation test/check	
Function (Purpose)	Used to check the operation of sensors and detectors in the scanner section and the related circuit.	
Section	Optical (Image scanning)	
Item	Operation	
Operation/ Procedure	The operations of sensors and detectors in the scanner section are displayed. The active sensors and detectors are highlighted.	



2 - 1

Procedure

Purpose	Operation test/check	
Function (Purpose)	Used to check the operation of the RADF unit and its control circuit.	
Section	SPF/ADF/RSPF/RADF	
Item	Operation	
Operation/ 1 Select the aging mode with the key		

Select the aging mode with the key.

When selection is made, the selected item is highlighted.

[1:SIDE]: Single copy aging mode [2:SIDE] Duplex copy aging mode

(Note) [2:SIDE] is displayed only when the unit which allows duplex copy is installed.

2. Select the copy magnification ratio with the key.

(The magnification ratio can be increased or decreased in the increment of 1% with the [ZOOM] key.)

The selected magnification ratio is displayed on the magnification ratio display on the screen.

The magnification ratio can be set only when SPF is installed.

3. Press the [EXECUTE] key.

Aging of the document feeder is executed under the conditions specified with procedures 1 and 2.

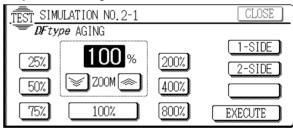
During aging, the [EXECUTE] key is highlighted. If the [EXE-CUTE] key is pressed while it is highlighted, the operation is interrupted.

When two or more operations are selected in procedure 1, "1:SIDE" (single copy aging mode) is unconditionally performed and the other highlighted displays return to the normal display.

To resume aging, execute with procedure 3.

To change the conditions for aging, execute with procedure 1.

When the SPF is installed, the magnification ratio can be adjusted in the range of 64% - 200%.



2 - 2

Purpose	Operation test/check			
Function (Purpose)	Used to check the operation of sensors and detectors in the RADF units and the related circuit.			
Section	SPF/ADF/RSPF/RADF			
Item	Operation			
Operation/ Procedure	The operations of sensors and detectors in the RADF/ADF/SPFsection are displayed.			

The active sensors and detectors are highlighted.

[ADF/RADF installed]

[ADI MADI Instance]					
DSS	Empty sensor	Normal display:	Highlighted display:		
		Document empty	Document exist		
DFD	Resist sensor	Normal display:	Highlighted display:		
		Document empty	Document exist		
DTD	Paper timing	Normal display:	Highlighted display:		
	sensor	Document empty	Document exist		

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AUOD	DF open/close sensor	Normal display: Close	Highlighted display: Open
TSS1	Tray feed size sensor (large size)	Normal display: Document empty	Highlighted display: Document exist
TSS2	Tray feed size sensor (small size)	Normal display: Document empty	Highlighted display: Document exist
DWS1	Tray width sensor (182mm)	Normal display: OFF	Highlighted display: ON
DWS2	Tray width sensor (210mm/ 215.9mm)	Normal display: OFF	Highlighted display: ON
DWS3	Tray width sensor (257mm)	Normal display: OFF	Highlighted display: ON
DWS4	Tray width sensor (279.4mm)	Normal display: OFF	Highlighted display: ON
DWS5	Tray width sensor (297mm)	Normal display: OFF	Highlighted display: ON
RDD	Paper exit sensor	Normal display: OFF	Highlighted display: ON

[SPF installed]

[Or r motanea]		
DSS empty sensor	Normal display:	Highlighted display:
	Document empty	Document exist
DFD resist sensor	Normal display:	Highlighted display:
	Document empty	Document exist
RDD paper exit sensor	Normal display:	Highlighted display:
	Document empty	Document exist
AUOD DF open/close	Normal display:	Highlighted display:
sensor	Close	Open
TSS1 tray feed size	Normal display:	Highlighted display:
sensor (large size)	Document empty	Document exist
TSS2 tray feed size	Normal display:	Highlighted display:
sensor (small size)	Document empty	Document exist
DWS1 tray width	Normal display:	Highlighted display: ON
sensor (182mm)	OFF	
DWS2 tray width sensor	Normal display:	Highlighted display: ON
(210mm/215.9mm)	OFF	
DWS3 tray width	Normal display:	Highlighted display: ON
sensor (257mm)	OFF	
DWS4 tray width	Normal display:	Highlighted display: ON
sensor (279.4mm)	OFF	
DWS5 tray width	Normal display:	Highlighted display: ON
sensor (297mm)	OFF	

[RSPF installed]

EMP	Empty sensor	Normal display:	Highlighted display:
		Document empty	Document exist
BUNRIS	Post-separation	Normal display:	Highlighted display:
	sensor	Document empty	Document exist
RDS	Read sensor	Normal display:	Highlighted display:
		Document empty	Document exist
RDD	Paper exit	Normal display:	Highlighted display:
	sensor	Document empty	Document exist
SBS	Switch-back	Normal display:	Highlighted display:
	sensor	Document empty	Document exist
REGS	Resist sensor	Normal display:	Highlighted display:
		Document empty	Document exist
AU0D	DF open/close	Normal display:	Highlighted display:
	sensor	Close	Open
FG0D	Paper feed	Normal display:	Highlighted display:
	cover sensor	Close	Open
TSS1	Tray feed size	Normal display:	Highlighted display:
	sensor (large	Document empty	Document exist
	size)		
TSS2	Tray feed size	Normal display:	Highlighted display:
	sensor (small	Document empty	Document exist
	size)		

DWS1	Tray width sensor (182mm)	Normal display: OFF	Highlighted display:
DIMOO			
DWS2	Tray width	Normal display:	Highlighted display:
	sensor	OFF	ON
	(210mm/8.5")		
DWS3	Tray width	Normal display:	Highlighted display:
	sensor (257mm)	OFF	ON
DWS4	Tray width	Normal display:	Highlighted display:
	sensor (17")	OFF	ON
DWS5	Tray width	Normal display:	Highlighted display:
	sensor (297mm)	OFF	ON

TĒST_SIM	ULATION NO	. 2-2		CLOSE
= DFty	pe SENSOR	CHECK		
DSS	DFD	DTD	RDD	
AUOD	FG0D	TG0D	DWS1	
DWS2	DWS3	DWS4	DLS1	
DLS2	DLS3	DWS		
				1/1

2 - 3

Purpose	Operation test/check
Function (Purpose)	Used to check the operation of the loads in the RADF/ADF/SPF units and the control circuits.
Section	SPF/ADF/RSPF/RADF
Item	Operation
Operation/ Procedure	The names of the loads which can be operated are displayed. Select the load to be checked with the

displayed. Select the load to be check key, and the selected load is highlighted.

2. Press the [EXECUTE] key.

The load selected in procedure 1 starts the operation. During the operation of the load, the [EXECUTE] key is highlighted. If the EXECUTE key is pressed while it is highlighted, the operation is stopped.

When two or more operations are selected in procedure 1, the operation is performed in the sequence of display order.

[When ADF/RADF is installed]

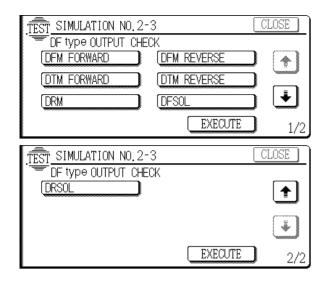
DFM FORWARD	Paper feed motor forward rotation
DFM REVERSE	Paper feed motor reverse rotation
DTM FORWARD	Transport motor forward rotation
DTM REVERSE	Transport motor reverse rotation
DRM	Paper expulsion motor
DFSOL	Paper feed solenoid

[When SPF is installed]

DTM FORWARD	Transport motor forward rotation
DTM REVERSE	Transport motor reverse rotation
STAMP SOL	Stamp solenoid

[When RSPF is installed]

	_
DFM FORWARD (L)	Paper feed motor forward rotation (230mm/sec)
DFM REVERSE (L)	Paper feed motor reverse rotation (360mm/sec)
DFM FORWARD (H)	Paper feed motor forward rotation (450mm/sec)
DFM REVERSE (H)	Paper feed motor reverse rotation (450mm/sec)
DTM	Transport pulse motor
DFC	Paper feed clutch
FSOL1	Flapper solenoid 1
FSOL2	Flapper solenoid 2
SBSOL	Switchback pressure solenoid
-	<u> </u>



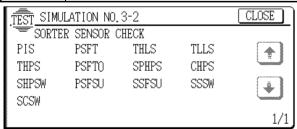
3

3 - 2	
Purpose	Operation test/check
Function (Purpose)	Used to check the operation of sensors and detectors in the sorter and the related circuit.
Section	Sorter/Finisher
Item	Operation
Operation/ Procedure	The display differs depending on the unit (sorter, finisher) installed.

The operations of the sensors and detectors in the sorter and the finisher section are displayed. The active sensors and detectors are highlighted.

In the case of AR-SS1

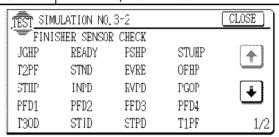
-	
PIS	Paper entry port sensor
PSFT	Paper empty sensor
THLS	Upper limit sensor
TLLS	Lower limit sensor
THPS	Bin home sensor
PSFT0	Take-out position sensor
SPHPS	Alignment rod home sensor
CHPS	Holder home sensor
SHPSW	Stapler home switch
PSFSU	Stapler paper sensor
SSFSU	Stapler empty sensor
SSSW	Joint section door sensor
SCSW	Staple unit section door sensor

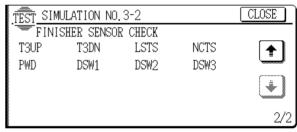


In the case of AR-FN1

JGHP	Jogger motor home sensor
READY	Stapler self priming sensor
PSHP	Pusher motor home sensor
STUHP	Staple unit home sensor
T2PF	Tray 2 paper full sensor
STND	Stapler replacement sensor

EVRE	Elevator motor encoder
OFHP	Offset home sensor
STHP	Staple home sensor
INPD	Paper entry sensor
RVPD	Reverse paper exit sensor
PGOP	Upper transport PG open/close sensor
PFD1	Transport sensor 1
PFD2	Transport sensor 2
PFD3	Transport sensor 3
PFD4	Transport sensor 4
T3OD	Tray 3 paper exit sensor
STID	Staple tray paper entry sensor
STPD	Staple paper sensor
T1PF	Tray 1 paper full sensor
T3UP	Tray 3 upper limit sensor
T3DN	Tray 3 lower limit sensor
LSTS	Stapler sensor
NCTS	Staple cartridge sensor
PWD	Power off detection
DSW1	Copier connection detection
DSW2	Top door open/close detection
DSW3	Front door open/close detection

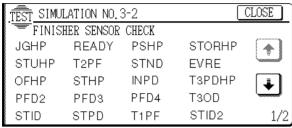




In the case of AR-FN2/FN3

JGHP	Jogger motor home sensor
READY	Stapler self priming sensor
PSHP	Pusher motor home sensor
STORHP	ST paper exit roller pressure release clutch home
	sensor
STUHP	Staple unit home sensor
T2PF	Tray 2 paper full sensor
STND	Stapler replacement sensor
EVRE	Elevator motor encoder
OFHP	Offset home sensor
STHP	Staple home sensor
INPD	Paper entry sensor
T3PDHP	Tray 3 paper exit roller paddler home sensor
PFD2	Transport sensor 2
PFD3	Transport sensor 3
PFD4	Transport sensor 4
T3OD	Tray 3 paper exit sensor
STID	Staple tray paper entry sensor
STPD	Staple paper sensor
T1PF	Tray 1 paper full sensor
STID2	Staple tray paper-in sensor
T3UP	Tray 3 upper limit sensor

T3DN	Tray 3 lower limit sensor
LSTS	Stapler sensor
NCTS	Staple cartridge sensor
PWD	Power off detection
DSW1	Copier connection detection
DSW2	Top door open/close detection
DSW3	Front door open/close detection



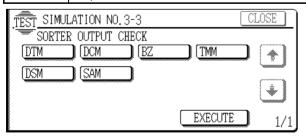
TEST_SIM	ULATION NO	.3-2		CLOSE
FINI	SHER SENSO	R CHECK		
T3UP	T3DN	LSTS	NCTS	
PWD	DSW1	DSW2	DSW3	
				2/2

3 - 3	
Purpose	Operation test/check
Function (Purpose)	Used to check the operation of the loads in the sorter and the control circuit.
Section	Sorter/Finisher
Item	Operation
Operation/ Procedure	The display differs depending on the unit (sorter, finisher) which is installed.

- The names of the loads which can be operated are displayed.
 The selected load is highlighted.
- Press the [EXECUTE] key, and the selected load is operated.
 During the operation of the load, the [EXECUTE] key is high-lighted. If the [EXECUTE] key is pressed when it is highlighted, the operation is interrupted.

In the case of AR-SS1

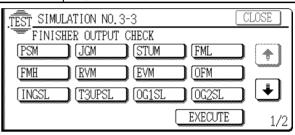
DTM	Transport motor
DCM	Holder motor
BZ	Buzzer
TMM	Bin shift motor
DSM	Alignment motor
SAM	Stapler drive motor

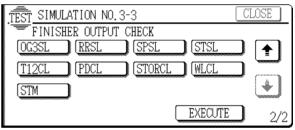


In the case of AR-FN1

PSM	Pusher motor
JGM	Jogger motor
STUM	Staple unit shift motor
FML	Main drive motor low transport speed

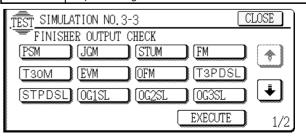
FMH	Main drive motor high transport speed
RVM	Reverse motor
EVM	Elevator motor
OFM	Offset motor
INGSL	Paper entry gate solenoid
T3UPSL	Tray 3 upper limit solenoid
OG1SL	Paper exit gate 1 solenoid
OG2SL	Paper exit gate 2 solenoid
OG3SL	Paper exit gate 3 solenoid
RRSL	Reverse roller pressure release solenoid
SPSL	Short path select solenoid
STSL	ST paper holding solenoid
T12CL	Tray 1 and tray 2 speed reduction clutch
PDCL	Paddler clutch
STOPCL	ST paper exit roller pressure clutch
T3SLCL	Tray 3 speed reduction clutch
STM	Staple motor
T3ORSL	Tray 3 normal speed clutch

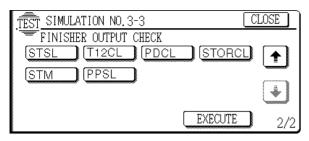




In the case of AR-FN2/FN3

PSM	Pusher motor
JGM	Jogger motor
STUM	Staple unit shift motor
FM	Main drive motor
T3OM	Tray 3 paper exit drive motor
EVM	Elevator motor
OFM	Offset motor
T3PDSL	Tray 3 paper exit paddler solenoid
STPDSL	ST paddler solenoid
OG1SL	Paper exit gate 1 solenoid
OG2SL	Paper exit gate 2 solenoid
OG3SL	Paper exit gate 3 solenoid
STSL	ST paper holding solenoid
T12CL	Tray 1 and tray 2 speed reduction clutch
PDCL	Paddler clutch
STOPCL	ST paper exit roller pressure clutch
STM	Staple motor
PPSL	Paper holding solenoid





3 - 6 Purpose Adjustment **Function** Used to adjust the finisher stacking capability. (Used to (Purpose) adjust the stop position of the finisher paper width direction alignment plate (jogger). This adjustment is made by changing the width direction alignment plate home position by the software.) Section Sorter/Finisher Item Operation Operation/ Select B mode with [↑] and [↓] keys.

- 3. Select A mode with $[\uparrow]$ and $[\downarrow]$ keys.
- 4. Enter the adjustment value with the 10-key pad.

(0 or 1) with the 10-key pad.

5. Press the [EXECUTE] key.

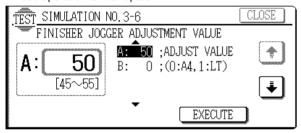
Procedure

The value entered in procedure 4 is set.

The finisher's jogger starts operation. During operation, the [EXECUTE] key is highlighted.

2. Select the paper size by entering the numbers

If the [EXECUTE] key is pressed while it is highlighted, the load operation is interrupted.



4

4 - 2	
Purpose	Operation test/check
Function (Purpose)	Used to check the operation of sensors and detectors in the paper feed section (desk feed, large capacity
	tray) and the related circuit.
Section	Paper transport
Item	Operation
Operation/ Procedure	The operting conditions of the sensors and detectors in the paper feed section are displayed.
	The active sensors and detectors are highlighted.

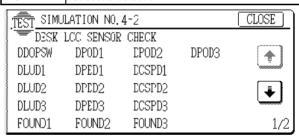
Desk Unit Sensor

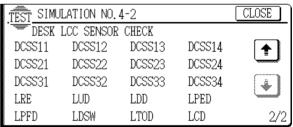
DDOPSW	Door open sensor
DPOD1	Paper exit transport sensor 1cs
DPOD2	Paper exit transport sensor 2 cs
DPOD3	Paper transport sensor 3cs
DLUD1	1cs Lift upper limit sensor
DPED1	1cs Paper empty sensor
DCSPD1	1cs remaining quantity detection 1
DLUD2	2xs lift upper limit sensor

DPED2	2cs paper empty sensor
DCSPD2	2cs remaining quantity detection 1
DLUD3	3cs lift upper limit sensor
DPED3	3cs paper empty sensor
DCSPD3	3cs remaining quantity detection 1
FOUND1	1cs lift unit detection (Installation detection)
FOUND2	2cs lift unit detection (Installation detection)
FOUND3	3cs lift unit detection (Installation detection)
DCSS11	1cs size detection 0
DCSS12	1cs size detection 1
DCSS13	1cs size detection 2
DCSS14	1cs size detection 3
DCSS21	2cs size detection 0
DCSS22	2cs size detection 1
DCSS23	2cs size detection 2
DCSS24	2cs size detection 3
DCSS31	3cs size detection 0
DCSS32	3cs size detection 1
DCSS33	3cs size detection 2
DCSS34	3cs size detection 3

LCC Unit Sensor

LRE	Remaining quantity sensor
LUD	Upper limit sensor
LDD	Lower limit sensor
LPED	Paper empty sensor
LPFD	Paper exit sensor
LDSW	Door open SW
LTOD	Body connection sensor
LCD	Cassette detection line





4 - 3		
Purpose	Operation test/check	
Function (Purpose)	Used to check the operation of the loads in the pape feed section (desk paper feed, large capacity tray) and the control circuits.	
Section	Paper transport	
Item	Operation	
Operation/ Procedure	The names of the loads which can be operated are displayed. Select the load to be checked with the key, and the selected load is highlighted.	

2. Press the [EXECUTE] key.

The load selected in procedure 1 starts the operation.

During the operation of the load, the [EXECUTE] key is highlighted. If the [EXECUTE] key is pressed while it is highlighted, the operation is stopped.

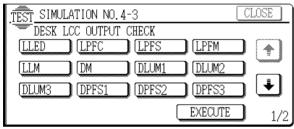
Desk Unit Output

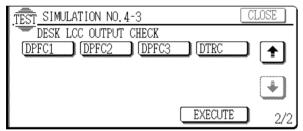
DM	Transport motor
DLUM1	Lift up motor 1
DLUM2	Lift up motor 2
DLUM3	Lift up motor 3
DPFS1	Paper feed solenoid 1
DPFS2	Paper feed solenoid 2
DPFS3	Paper feed solenoid 3
DPFC1	Paper feed clutch 1
DPFC2	Paper feed clutch 2
DPFC3	Paper feed clutch 3
DTRC	Transport clutch

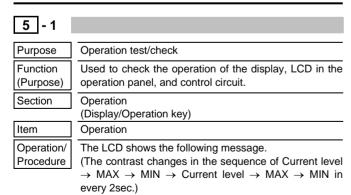
Lcc Unit Output

LLED	Dorr open LED
LPFC	Paper feed clutch
LPFS	Paper feed solenoid
LPFM	Transport motor
LLM	Lift motor

The LCC unit lit motor continues lifting up and falling down



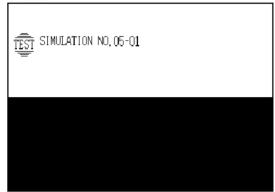




During that period, each LED is lighted for 2sec.



↓ 2.0sec.



5 - 2

Purpose Operation test/check

Function (Purpose) Used to check the operation of the heater lamp and the control circuit.

Section

Fixing (Fusing)

Item

Operation

Operation/ Procedure 1. Select the lamp to be checked with the key.

2. Press the [EXECUTE] key.

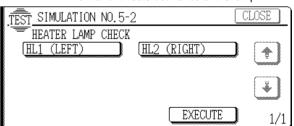
The selected heater lamp repeats ON/OFF in the frequency of 500msec 5 times.

Then the [EXECUTE] key returns to the original display.

When the [EXECUTE] key is pressed during ON/OFF operation of the heater lamp, the heater lamp is turned OFF and the [EXECUTE] key returns to the original display.

HL1 (LEFT): This lamp is on the left when viewed from the front and it heats the center of the lamp.

HL2 (RIGHT): This lamp is on the right when viewed from the front and it heats both ends of the lamp.



5 - 3

Purpose

Operation test/check

Function (Purpose) Used to check the operation of the copy lamp and the control circuit.

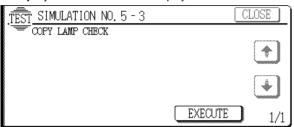
Section	Optical (Image scanning)	
Item	Operation	
Operation/	When the [EXECUTE] key is pressed, the copy lamp is	

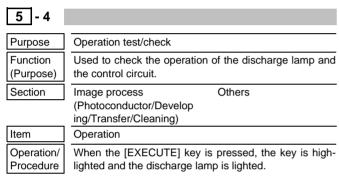
Procedure | When the [EXECUTE] key is pressed, the copy lamp is lighted for 10 sec.

While the copy lamp is lighted, the [EXECUTE] key is

While the copy lamp is lighted, the [EXECUTE] key is highlighted. If the [EXECUTE] key is pressed under this state, the lamp is turned OFF.

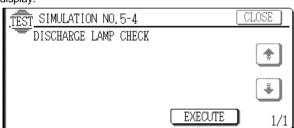
After 10 sec, the copy lamp is turned OFF. At that time, the [EXE-CUTE] key returns to the normal display.





After 30 sec of lighting, the lamp is turned OFF and the [EXE-CUTE] key returns to the normal display.

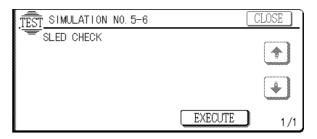
If the [EXECUTE] key is pressed while the lamp is lighted, the lamp is turned OFF and the [EXECUTE] key returns to the normal display.



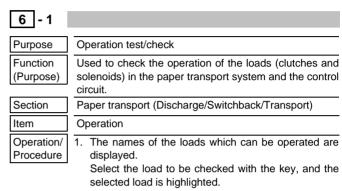
5 - 6	
Purpose	Operation test/check
Function (Purpose)	Used to check the operation of the separation lamp and its control circuit. (AR-501/505 only)
Section	Process (OPC drum, developing unit, transfer, cleaning) section
Item	Operation
Operation/ Procedure	When the [EXECUTE] key is pressed, it is highlighted and the separation lamp is lighted.

After 30sec of lighting, the lamp turns off and the [EXECUTE] key returns to the normal display.

When the [EXECUTE] key is pressed during the lamp is lighted, the lamp is turned off and the [EXECUTE] key returns to the normal display.



6



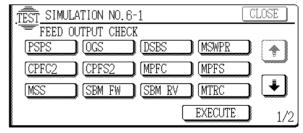
2. Press the [EXECUTE] key.

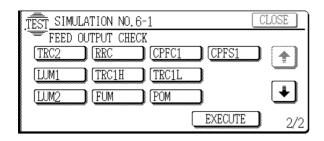
The selected load starts the operation.

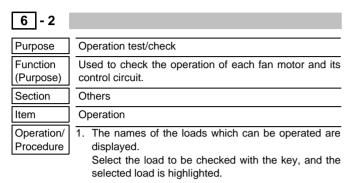
During the operation of the load, the [EXECUTE] key is highlighted

If the [EXECUTE] key is pressed while it is highlighted, the operation is stopped.

CPFC1	Upper cassette paper feed clutch
CPFS1	Upper cassette paper feed solenoid
LUM1	Lower cassette lift up motor
CPFC2	Lower cassette paper feed clutch
CPFS2	Lower cassette paper feed solenoid
LUM2	Lower cassette lift up motor
MPFC	Manual paper feed clutch
MPFS	Manual paper feed solenoid
MSS	Manual paper entry gate solenoid
TRC1H	Transport clutch 1 high speed
TRC1L	Transport clutch 1 low speed
MTRC	Transport clutch low speed
TRC2	Transport clutch 2 high speed
RRC	Resist roller clutch
OGS	Paper exit gate solenoid
DSBS	Duplex unit paper entry switchback gate solenoid
PSPS	Separation pawl operation solenoid
SBM FW	Switchback motor forward rotation
SBM RV	Switchback motor reverse rotation





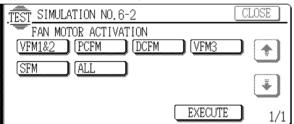


2. Press the [EXECUTE] key.

The key is highlighted and the selected fan motor is rotated.

If the [EXECUTE] key is pressed while the fan motor is rotating, the [EXECUTE] key returns to the normal display and the fan motor is stopped. To operate or stop each fan motor, press the key of the fan motor.

However, [CFM Low] key and [CFM High] key cannot be pressed ON simultaneously.



7

7 - 1	
Purpose	Setting/Operation test/check
Function (Purpose)	Used to set the aging operation conditions.
Item	Operation
Operation/ Procedure	Press each corresponding key to set for the aging operation. (Set items of each key)

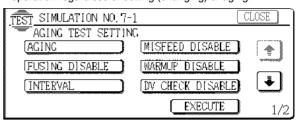
[AGING]	Aging setting
[MISFEED	Jam detection enable/disable setting
DISABLE]	
[FUSING DISABLE]	Fusing operation enable/disable setting
[WARMUP	Warm-up save setting
DISABLE]	
[INTERVAL]	Intermittent setting (Valid only in
	[AGING] setting)
[DV CHECK	Developing unit detection
DISABLE]	enable/disable setting
[SHADING	Shading enable/disable setting
DISABLE]	

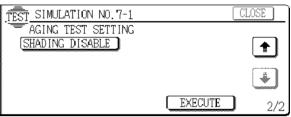
The selected key is highlighted.

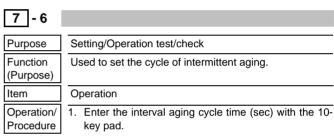
2. Press the [EXECUTE] key.

Aging is set and the display returns to the simulation main code entry display.

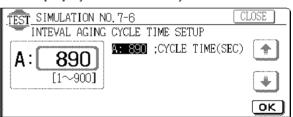
* When this simulation is executed, the machine resumes operation regardless of setting (changing) of aging.

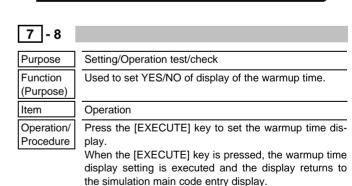




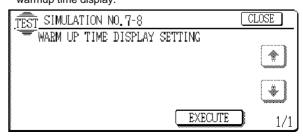


2. Press [OK] key to set the entered cycle time.

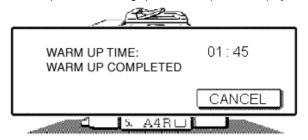




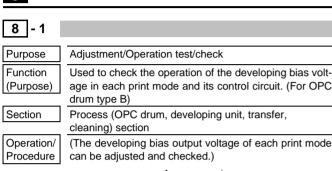
* When this simulation is canceled after completion of it, the machine resumes operation regardless of setting (changing) of warmup time display.



After completion of warming up, the warm-up time is displayed.



8



- 1. Select the print mode with $[\uparrow]$ key and $[\downarrow]$ key.
- 2. Enter the adjustment value with the 10-key pad.
- 3. Press the [EXECUTE] key.

The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is supplied.

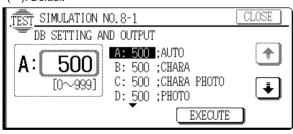
After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

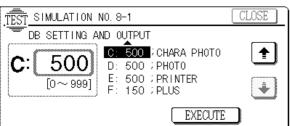
If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display.

(AR-250/280/281/285/286/335/336/405)

AUTO : Auto mode * (500) (-500V ±5V) **CHARA** : Character mode * (500) (-500V ±5V) CHARA PHOTO : Character/Photo mode * (500) (-500V ±5V) **PHOTO** : Photo mode * (500) (-500V ±5V) **TONER SAVE** : Toner save mode * (500) (-500V ±5V) **PRINTER** : Printer mode * (500) (-500V ±5V) **PLUS** : Cleaning mode * (150) (+150V ±5V) Developing bias voltage

* (): Default

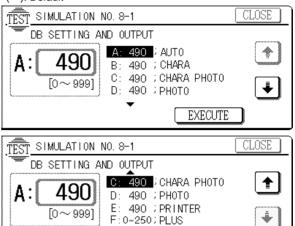


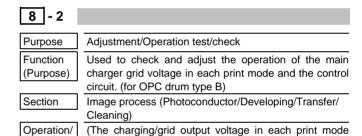


(AR-501/505)

AUTO * (415) (-425V ±5V) : Auto mode * (490) (-500V ±5V) CHARA : Character mode CHARA PHOTO : Character/Photo mode * (490) (-500V ±5V) : Photo mode PHOTO * (490) (-500V ±5V) **TONER SAVE** : Toner save mode * (490) (-500V ±5V) **PRINTER** : Printer mode * (490) (-500V ±5V) **PLUS** : Cleaning mode * (165) (+150V ±5V) Developing bias voltage

* (): Default





EXECUTE

Select the print mode with [↑] key and [↓]key.

2. Enter the adjustment value with the 10-key pad.

can be adjusted and checked.)

3. Press the [EXECUTE] key.

Procedure

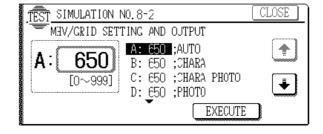
The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is supplied.

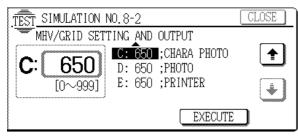
After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display.

(AR-250/280/281/285/286/335/336/405)

* (641) (-642 ±5V) **AUTO** : Auto mode : Character mode * (641) (-642 ±5V) **CHARA** CHARA PHOTO * (641) (-642 ±5V) : Character/Photo mode PHOTO * (641) (-642 ±5V) : Photo mode * (641) (-642 ±5V) **PRINTER** : Printer mode * (): Default

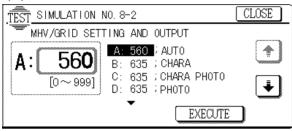


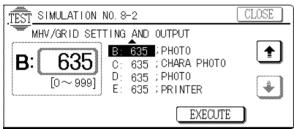


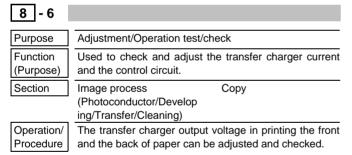
(AR-501/505)

AUTO : Auto mode * (560) (-570 ±5V) * (635) (-645 ±5V) **CHARA** : Character mode **CHARA PHOTO** : Character/Photo mode * (635) (-645 ±5V) **PHOTO** : Photo mode * (635) (-645 ±5V) **PRINTER** : Printer mode * (635) (-645 ±5V)

* (): Default







- 1. Select the print mode with [↑] key and [↓] key.
- 2. Enter the adjustment value with the 10-key pad.
- 3. Press the [EXECUTE] key.

The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is supplied.

After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display

FROMT MODE: Front surface print (with the paper feed tray and

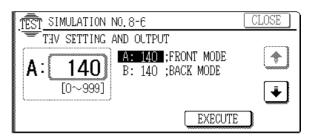
manual paper feed tray) BACK MODE: Back surface print (with duplex paper feed)

(AR-250/280/281/285/286/335/336/405)

Default: $140 (13.5 + 1.5 \mu A)$

(AR-501/505)

Default: 255 (18.0 + 1.5μA)



8 - 7 Purpose Adjustment/Operation test/check Used to check and adjust the operation of the separa-**Function** tion charger voltage and its control circuit. (Purpose) Others Section Image process (Photoconductor/Develop ing/Transfer/Cleaning) The separation charger output voltage in printing the Operation/ front and the back of paper can be adjusted and Procedure checked.

- 1. Select the print mode with $[\uparrow]$ key and $[\downarrow]$ key.
- 2. Enter the adjustment value with the 10-key pad.
- 3. Press the [EXECUTE] key.

The [EXECUTE] key is highlighted, the adjustment value entered in procedure 2 is set, and the voltage corresponding to the set value is supplied.

After supplying the voltage for 30 sec, the [EXECUTE] key returns to the normal display.

If the [EXECUTE] key is pressed while the voltage is supplied, the voltage output is stopped and the [EXECUTE] key returns to the normal display.

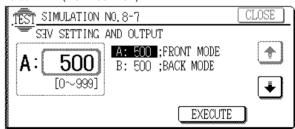
FROMT MODE: Front surface print (with the paper feed tray and manual paper feed tray)

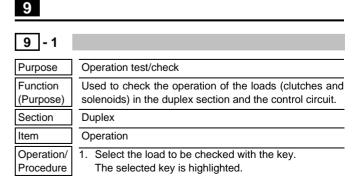
BACK MODE: Back surface print (with duplex paper feed) (AR-250/280/281/285/286/335/336/405)

Default: 90 (DC -140 ±10V)

(AR-501/505)

Default: 177 (DC -200 ±10V)



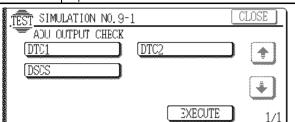


2. Press the [EXECUTE] key.

The load selected in procedure 1 is operated.

While the load is operated, the [EXECUTE] key is highlighted. If the [EXECUTE] key is pressed under this state, the load operation is interrupted.

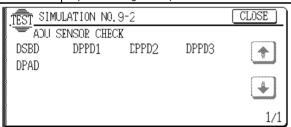
DTC1 Duplex unit paper entry transport clutch 1
DTC2 Duplex unit paper entry transport clutch 2
DSCS Duplex unit roller contact solenoid

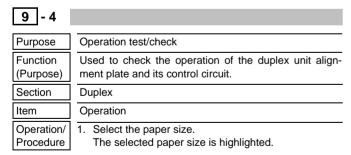


9 - 2		
Purpose	Operation test/check	
Function (Purpose)	Used to check the operation of sensors and detectors in the duplex section and the control circuit.	
Section	Duplex	
Item	Operation	
Operation/ Procedure	The operations of sensors and detectors in the duplex section are displayed.	

The active sensors and detectors are highlighted.

DSBD	Duplex unit paper entry switchback section sensor
DPPD1	Duplex unit paper transport switch 1
DPPD2	Duplex unit paper transport switch 2
DPPD3	Duplex unit paper transport switch 3
DPAD	Duplex unit alignment plate home sensor



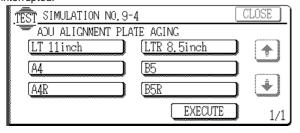


2. Press the [EXECUTE] key.

Alignment operation is continuously operated.

During the operation, the [EXECUTE] key is highlighted.

If the [EXECUTE] key is pressed under this state, the operation is interrupted.



10

10 - 0

Purpose

Operation test/check

Function (Purpose)

Used to check the operation of the toner motor and its control circuit.

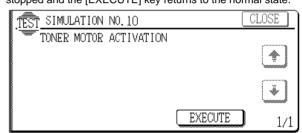
(Note) Do not execute this simulation with toner in the toner hopper. If executed, excessive toner may enter the developing section, causing an overtoner trouble. Be sure to remove the toner motor from the toner hopper before executing this simulation.

Procedure and the toner motor rotates for 10 sec.

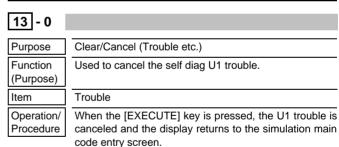
After 10sec of rotation, the toner motor stops and the [EXECUTE]

key returns to the normal display.

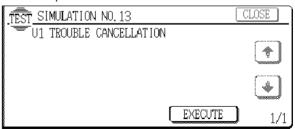
If the [EXECUTE] key is pressed during rotation, the toner motor is stopped and the [EXECUTE] key returns to the normal state.



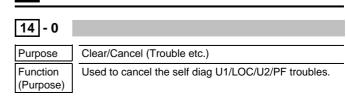
12



After this simulation is canceled, the machine resumes operation.



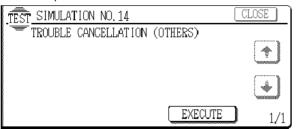
14



Item Operation/ Procedure Trouble Error

When the [EXECUTE] key is pressed, the troubles excluding U1/LCC/U2/PF are canceled and the display returns to the simulation main code entry screen.

After this simulation is canceled, the machine resumes operation.



15

15 - 0

Clear/Cancel (Trouble etc.) Purpose

Function (Purpose)

Used to cancel the self diag U4 - 09/20/21/22 (large capacity tray) trouble.

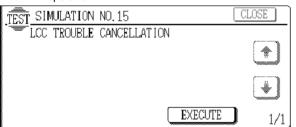
Section

Paper transport

Item Operation/ Procedure Trouble

When the [EXECUTE] key is pressed, the U6 (09/20/21/22) (LCC) trouble is canceled and the display returns to the simulation main code entry screen.

After canceling this simulation, the machine resumes operation.



16

16 - 0

Clear/Cancel (Trouble etc.)

Purpose **Function**

Used to cancel the self diag U2 trouble.

(Purpose)

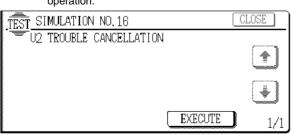
Item

Error

Operation/ Procedure

When the [EXECUTE] key is pressed, the U2 trouble is canceled and the display returns to the simulation main code entry screen.

After this simulation is canceled, the machine resumes operation.



17 - 0

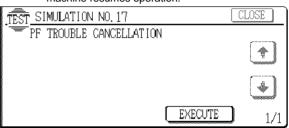
Purpose Clear/Cancel (Trouble etc.)

Function (Purpose) Used to cancel copy inhibition by the host computer during the self diag PF.

Section Item

Communication unit (TEL/LIU/MODEM etc.) Trouble

Operation/ Procedure When the [EXECUTE] key is pressed, the PF trouble is canceled and the display returns to the simulation main code entry screen. After this simulation is canceled, the machine resumes operation.



21 - 1

Setting

Purpose **Function**

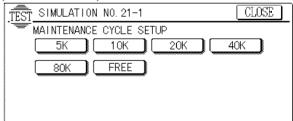
Used to set the maintenance cycle.

(Purpose) Item

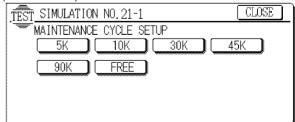
Specifications Counter

Operation/ Procedure When the maintenance cycle is selected with the key. the selected key is highlighted. The maintenance message is displayed in every selected cycle. When FREE is selected, the maintenance display is not shown.

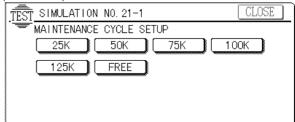
(AR-2XX/3XX series)



(AR-4XX series)



(AR-501/505)



22



Purpose

Operation data output/Check (Display/Print)

Function (Purpose)

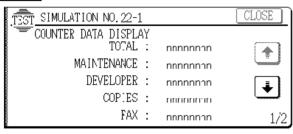
Used to check the print out count of each section in each operation mode.

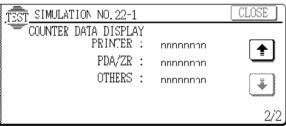
(Used to check the maintenance timing.)

Item

ounter

Operation/ Procedure FAXandPDA/ZRare only for Japan models.





nnnnnnn : Counter value

22 - 2

Purpose

Operation data output/Check (Display/Print)

Function (Purpose)

Used to check the total numbers of misfeed and troubles. (When the number of misfeed is considerably great, it is judged as necessary for repair. The misfeed rate is obtained by dividing this count value with the total counter value.)

Item

Mis-feed

Operation/ Procedure MACHINE JAM: The number of paper jam troubles occurred in the sections other than the

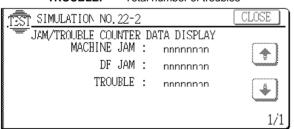
document feeders (SPF/ADF/RADF).

DF JAM:

The number of paper jam troubles occurred in the document feeders

(SPF/ADF/RADF).

TROUBLE: Total number of troubles



nnnnnnnn : Counter value

22 - 3

Purpose (

Operation data output/Check (Display/Print)

Function (Purpose)

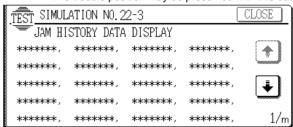
Used to check the misfeed positions and the number of misfeed in each position. (If the number of misfeed is considerably great, it can be judged as necessary for repair.) (Sections other than ADF/RADF/SPF sections)

Item

Mis-feed

Operation/ Procedure The misfeed history sections indicated by the sensors and detectors are displayed sequentially from the latest one. Max. 40 items of information can be stored, and the oldest one is deleted sequentially.

The trouble position may be presumed with this data.



22 - 4

Purpose

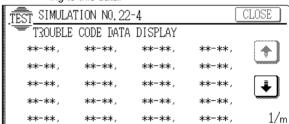
Operation data output/Check (Display/Print)

Function (Purpose)

Used to check the total trouble (self diag) history.

Operation/ Procedure Mis-feed

The trouble history error codes are displayed sequentially from the latest one. Max. 40 items of information can be stored, and the oldest one is deleted sequentially. The machine condition can be presumed according to this data.



22 - 5

Purpose

Others

Function (Purpose)

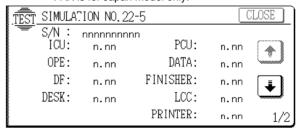
Used to check the ROM version of each unit (section).

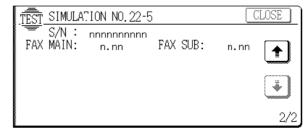
Item

Software

Operation/ Procedure The ROM version of each section can be checked. If there is any problem in the software, check the ROM version of each section with this simulation and replace with a new version if necessary.

FAX is for Japan model only.





Purpose Function Operation data output/Check (Display/Print)

Used to output the list of the setting and adjustment (Purpose) data (simulations, FAX soft switch, counters).

Item Operation/ Procedure Adjust/Setting data

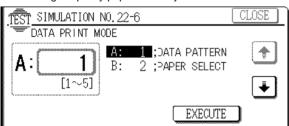
When installing or servicing, execute this simulation to print and store the adjustment values and setting data for use in the next servicing. (Memory trouble, PWB replacement, etc.)

In this case, the print conditions can be set optionally.

1. Select the setup item.

(The selected item is highlighted.)

- 2. Set the item and conditions with the 10-key pad.
- 3. Press the [EXECUTE] key to print various data.
 - A: Print out items (Contents)
 - 1: All adjustment values and setup data
 - 2: All counter data
 - 3: FAX soft switch setup data (Japan only)
 - 4: Print density adjustment data
 - 5: Adjustment and setup data of the other simulations
 - B: Paper feed mode
 - 1: Manual paper feed
 - 2: Upper paper feed tray
 - 3: Lower paper feed tray
 - 4: Desk upper paper feed tray
 - 5: Desk middle paper feed trav
 - 6: Desk lower paper feed tray
 - 7: Large capacity paper feed tray



22 - 7

Purpose

User data output/Check (Display/Print)

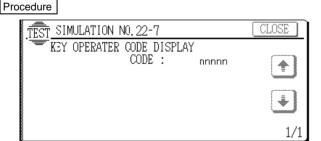
Function (Purpose)

Used to display the key operator code. (This simulation is used when the customer forgets the key operator code.)

Item Operation/

Data

User data



nnnnn: Key operator code

22 - 8

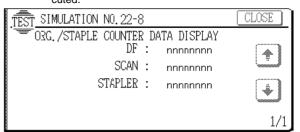
Operation data output/Check (Display/Print) Purpose

Function (Purpose)

Used to check the number of use of the staple, the ADF, RADF, SPF, and scanning.

Counter Item

Operation/ Procedure This data is used to check the use frequency of each section. According to this data, maintenance is exe-



nnnnnnn : Counter value

22 - 9

(Purpose)

Purpose Operation data output/Check (Display/Print) Function

Used to check the number of use of each paper feed

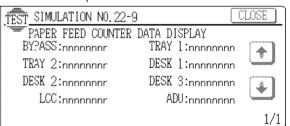
section. (the number of prints)

Paper transport Section

Item Counter

Operation/ Procedure

This data is used to check the use frequency of each paper feed section, According to this data, maintenance is performed.



nnnnnnn : Counter vlaue

22 - 10

Purpose

Operation data output/Check (Display/Print)

Function (Purpose)

Used to check the system configuration (option, internal hardware).

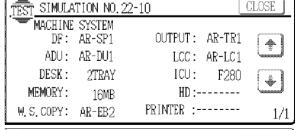
Item

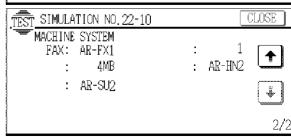
Specifications Options

Operation/ Procedure This simulation allows to check the system configura-

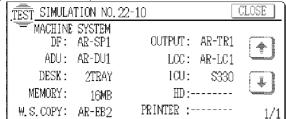
The devices and the option units which are installed are displayed with the model names or size, etc.

(AR-230/280/285 series)



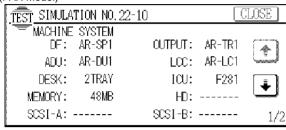


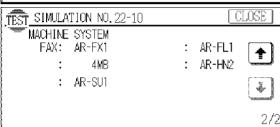
(AR-330/335 series)



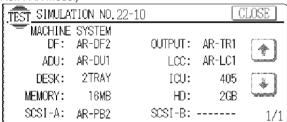
(AR-2X1/3X1/4XX/250/XX6 series)

(FAX Model)

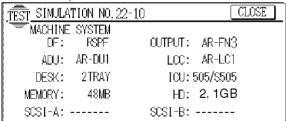




(Non FAX Model)



(AR-5XX series)



22 - 11

Purpose	Operation data output/Check (Display/Print)	
Function (Purpose)	Used to check the use frequency of FAX (send/receive). (FAX model only)	
Section	FAX	
Item	Data	
Operation/ Procedure	TEST SIMULATION NO. 22-11 CLOSE	
	: nnnnnnnn : nnnnnnnn : nnnnnnnn	
	1/1	

22 - 12

Operation data output/Check (Display/Print)

Purpose Function (Purpose)

Used to check the misfeed positions and the number of misfeed at each position. (When the number of misfeed is considerably great, is can be judged as necessary for repair.)

Section SPF/ADF/RSPF/RADF

Operation/ Procedure

24

24 - 1

Purpose Data clear

Function (Purpose)

Used to clear the misfeed counter, the misfeed history, the trouble counter, and the trouble history. (The counters are cleared after completion of maintenance.)

Item Counter

Operation/ Procedure

1. Select the counter to be cleared.

MACHINE: Machine JAM counter

DF: SPF/RADF/ADF JAM counter

TROUBLE: Trouble counter

(When selected, it is highlighted.)

2. Press the [EXECUTE] key.

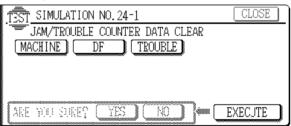
The display for reconfirmation to clear is shown.

3. Select YES or NO to clear the counter.

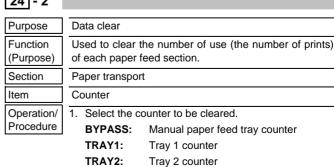
YES: Clear

NO: Not clear

After completion of maintenance, the above counter is cleared



24 - 2



Desk 1 counter

Desk 2 counter

DESK1:

DESK2:

DESK3: Desk 3 counter ADU: Duplex unit counter LCC: Large capacity tray counter

(When selected, it is highlighted.)

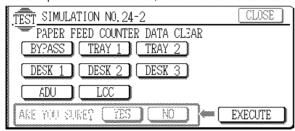
2. Press the [EXECUTE] key.

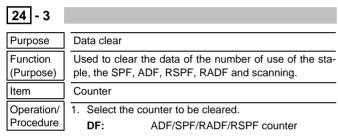
The display for reconfirmation to clear is shown.

3. Select YES or NO to clear the counter.

YES: Clear NO: Not clear

After completion of maintenance, the above counter is cleared.





SCAN: Scan counter STAPLER: Stapler counter

(When selected, it is highlighted.)

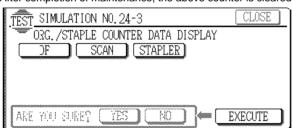
2. Press the [EXECUTE] key.

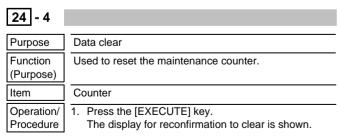
The display for reconfirmation to clear is shown.

3. Select YES or NO to clear the counter.

YES: Clear NO: Not clear

After completion of maintenance, the above counter is cleared.

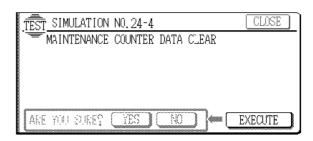


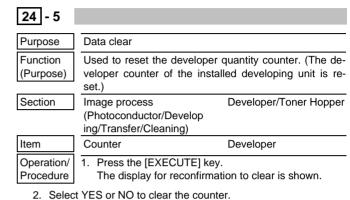


2. Select YES or NO to clear the counter

YES: Clear NO: Not clear

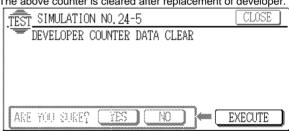
The above counter is cleared after completion of maintenance.

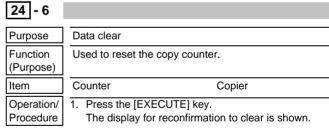




YES: Clear NO: Not clear

The above counter is cleared after replacement of developer.



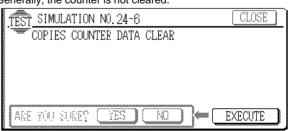


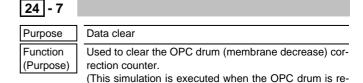
2. Select YES or NO to clear the counter.

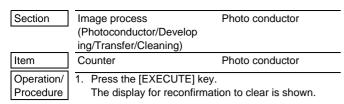
YES: Clear NO: Not clear

placed.

Generally, the counter is not cleared.



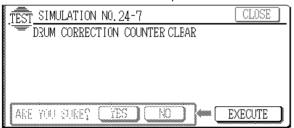


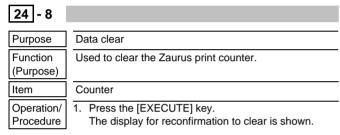


2. Select YES or NO to clear the counter.

YES: Clear NO: Not clear

The above counter is cleared after replacement of the OPC drum.

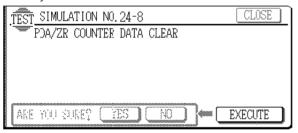




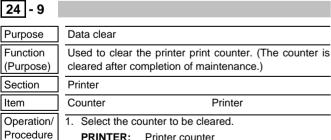
2. Select YES (Clear) or NO (Not clear).

YES: Clear NO: Not clear

Generally the counter is not cleared.



Note Japan only



PRINTER: Printer counter

OTHER: The other counters

(When selected, it is highlighted.)

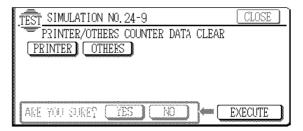
2. Press the [EXECUTE] key.

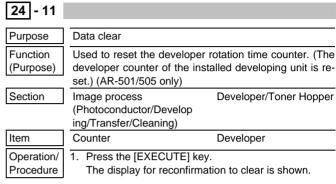
The display for reconfirmation to clear is shown.

3. Select YES (Clear) or NO (Not clear).

YES: Clear NO: Not clear

The above counter is cleared after completion of maintenance.

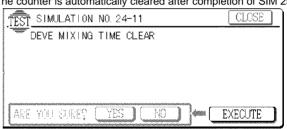


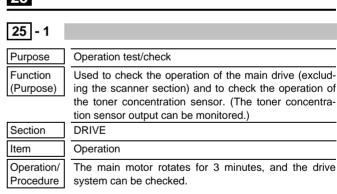


2. Select YES or NO to clear the counter.

YES: Clear NO: Not clear

The counter is automatically cleared after completion of SIM 25-2.



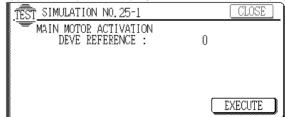


The toner concentration sensor output value is displayed.

When the [EXECUTE] key is pressed, it is highlighted and the main motor rotates and the toner concentration sensor output value is displayed.

After 3 minutes, the main motor stops and the [EXECUTE] key returns to the normal display.

If the [EXECUTE] key is pressed during rotation, the operation is stopped and the [EXECUTE] key returns to the normal display.



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Purpose **Function** (Purpose) Setting

Used to make the initial setting of toner concentration when replacing developer.

Section

Developer/Toner Hopper Image process (Photoconductor/Develop

ing/Transfer/Cleaning)

Operation/ Procedure When the [EXECUTE] key is pressed, it is highlighted and the main motor rotates, and the toner concentration sensor detects the toner concentration and the output value is displayed.

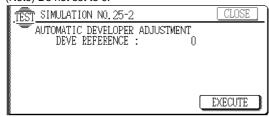
After stirring for 3 minutes, the toner concentration detection level average value is set (stored) as the reference toner concentration control value.

If the [EXECUTE] key is pressed during rotation, the operation stops and the [EXECUTE] key returns to the normal display.

If [EE-EU] or [EE-EL] is displayed, it means the reference toner concentration control value is not set normally.

Default: 0

(Note) Do not set to 0.



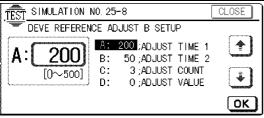
25 - 8

Function (Purpose) Used to set the timing of toner concentration control correction B and the correction quantity. The timing is determined according to the acuumulated use time of developer. (AR-501/505 only)

Operation/ Procedure When this simulation is executed, the current set value is displayed. Under this state, the set value can be changed by pressing the 10-key.

When [OK] key is pressed, the set value is stored in the EEPROM.

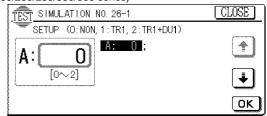
	Content	Set range	Default
Α	The first correction time [min]	0 – 500	200)
В	Second and later correction time [min]	0 – 500	50
С	Number of times of correction	0 – 10	3
D	Correction quantity	0 – 30	0



Purpose	Setting	
Function (Purpose)	Used to set options. (This simulation is used to moption setting when an option is installed.)	
Item	Specifications Options	
Operation/ Procedure	Enter the code number corresponding to the option installation with the 10-key pad and press the [OK] key.	

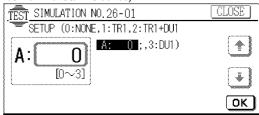
When an option is installed or removed, this setting must be changed accordingly. If this setting is improper, an error message is displayed.

(AR-230/280/285/330/335 series)



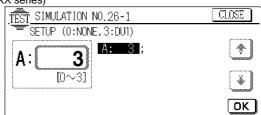
Set value	Connection option	
0	No connection (Default)	
1	AR-TR1	
2	AR-TR1 + AR-DU1	

(AR-2X1/3X1/4XX/250/XX6 series)



Set value	Connection option
0	No connection
1	AR-TR1
2	AR-TR1 + AR-DU1
3	AR-DU1 only

(AR-5XX series)



26 - 2

Purpose **Function**

(Purpose)

Setting

1) Used to set the paper size of the large quantity paper tray. (When the paper size is changed, the lift paper size must be also changed with this simulation.)

2) Used to detect the paper or document size of 8.5" x 13" (Inch series) and set the display mode. (All paper feed modes)

Section	Paper transport		
Item	Specifications		
Operation/ Procedure	1. Select the item to be set with [↑] key and [↓] key.		

- Large capacity paper tray paper size setting
- 8.5" x 13" (330mm/13") paper size detection mode setting
- C: Manual feed paper size setting
- 2. Enter the code number corresponding to the paper size of the large capacity paper feed tray with the 10-key and press the [OK] key.

Set value	Setting size
1	8.5×11
2	A4 (Default)
3	B5

3. Used to set the size detection mode when 8.5" x 13" paper or document is used.

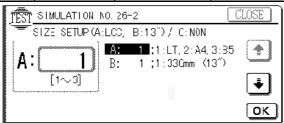
Enter the code number with the 10-key pad and press the [OK] key.

* Detection size when 8.5" x 13" document/paper is used

I			l	Co	t value
	Unit		Destination	Set value	
				0 (Default) (Invalid)	1 (Valid)
Document	AR-SF	21	All	8.5" x 14"	8.5" x 13" *1
			destinations		
	AR-AF	- 1	Japan	A4R	A4R *5
	AR-RI	- 1	EX AB	A4R	A4R *5
			series		
			(SLK/SEEG)		
			EX AB	A4R	8.5" x 13" *3
			series		
			(SCA/		
			Others)		
			Inch series (SEC/SECL)	8.5" x 14"	8.5" x 14" *5
			Inch series	8.5" x 14"	8.5" x 13" *1
			(Others)		
	Docur	nent	Japan/EX	B4	8.5" x 13" *2
	table		AB series		
			Inch series		8.5" x 13" *1
Paper	Main	Manual	All	8.5" x 14"	8.5" x 13" *4
	body	feed	destinations		
		tray			
		Paper	All		
		feed	destinations		
		cassette			— *6
	AR-DE1/DE2 AR-LC1		All		
			destinations		
			All		
			destinations		

- *1: A document of 8.5" x 14" is detected as 8.5" x 13".
- *2: A document of B4 is detected as 8.5" x 13".
- *3: A document of A4R is detected as 8.5" x 13".
- *4: A document of 8.5" x 14" is detected as 8.5" x 13".
- *5: Applicable by replacing the document set tray of the AR-AF1/RF1.
- *6: Setting is available with the key operator program (P40).

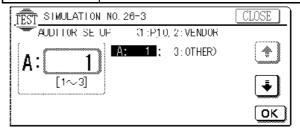
Value	Display	Paper	
1	Characters	HEAVY PAPER	PLAIN PAPER
2	Weight in g.	106 - 200 g/m ²	56 - 105 g/m ²
3	Weight in lbs.	28+ - 55 lbs	15 - 28 lbs



26 - 3

26 - 3	
Purpose	Setting
Function (Purpose)	Used to set the specifications of the auditor. Setting must be made depending on the use condition of the auditor.
Section	Auditor
Item	Specifications
Operation/ Procedure	Enter the code number corresponding to the auditor specification mode with the 10-key pad and press the [OK] key.

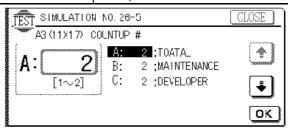
Set value	Specification mode
1	Built-in auditor mode (Default)
2	Coin vendor
3	Others



26 - 5		
Purpose	Setting	
Function (Purpose)	Used to set the count mode of the total counter and the maintenance counter.	
Item	Specifications Counter	
Operation/ Procedure	Used to set the single count-up or double count-up for the total counter, the maintenance counter, and the developer counter when printing is performed with A3, 11 x 17" paper,	

1. Select the kind of the counter with $[\uparrow]$ and $[\downarrow]$ key.

Α	Total	
В	Maintenance	
С	Developer	
× =		



- 2. Enter "1" or "2" with the 10-key pad and press the [OK] key.
 - 1: Single count
 - 2: Double count

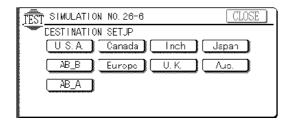
Default: 2

26 - 6		
Purpose	Setting	
Function (Purpose)	Used to set the specifications depending on the destination.	
Item	Specifications the Destination destination	
Operation/ Procedure	Select the destination referring to the table below.	

U.S.A.	United States of America	
Canada	Canada	
Inch	Inch series, other destinations	
Japan	Japan	
AB_B	AB series (B5 detection) other destinations	
Europe	Europe	
U.K.	United Kingdom	
Aus.	Austrailia	
AB_A	AB series (A5 detection) other destinations	

When the destination setting is changed, the following specification is changed.

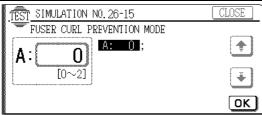
(Toner save mode setup specification) (Paper specification)



·		
Purpose	Setting	
Function (Purpose)	Used to set the fusing operation mode (paper curl corresponding mode).	
Section	Fixing (Fusing)	
Item	Operation	
Operation/ Procedure	Due to the paper type (paper property), paper may be curled in the fusing section and cause a paper jam. To prevent against this, the fusing condition is changed.	

Enter the code number corresponding to the fusing condition and press the [OK] key.

Set value	Remedy mode	Fusing condition
0	Normal operation	(Default)
1	Remedy mode 1	Racing until the specified fusing temperature is reached.
2	Remedy mode 1	 a. Racing is performed until the specified fusing temperature is reached. b. Copy mode is duplex mode or sort. Group mode Previous rotation is made for 5 sec before starting copying.



26 - 18

Purpose Se	ttii

Function (Purpose) Used to set VALID/INVALID of toner save operation. (This simulation is valid only in the Japan and UK versions. (It depends on SIM 26-6 (Destination setting). For the other destinations, the same setting can be executed with the user program.)

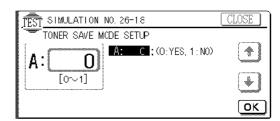
Item

Specifications

Operation mode (Common)

Operation/ Procedure Enter the code number corresponding to the condition (the toner save YES/NO) with the 10-key and press the [OK] key.

Set value	Toner save
0	YES
1	NO (Default)



26 - 22

Purpose Setting

Function (Purpose)

Used to set the specification (language display) for the destination. (Target models: AR-280/285/335) (Excluding the Japan models.)

Item

Specifications

Operation/ Procedure

Select the language to be used according to the table below.

Display	Language
ENG.(US)	English(US)
ENG.(UK)	English(UK)
FRENCH	French
SPANISH	Spanish
GERMAN	German



26 - 30

Purpose Setting

Function (Purpose)

Used to set the CE mark conforming operation mode. (For flickers when driving the fusing heater lamp.)

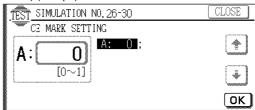
Item

Specifications Operation mode (Common)

Operation/ Procedure Enter the number corresponding to the operation mode with the 10-key and press the [OK] key.

Set value	Content
0	CE mark control inhibit
1	CE mark control allowed (Default)

- 0: Normal operation heater lamp slow up control
- CE mark standard complying operation (Heater lamp slow up control) (Europe)



26 - 35

Purpose

Setting

Function (Purpose)

Used to set whether the trouble history display of SIM 22-4 is displayed as one trouble or as the number of continuous troubles when two or more troubles of a same kind occured.

Item

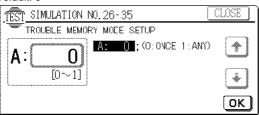
Specifications

Operation/ Procedure Used to set whether the trouble history display by SIM 22-4 is displayed as one trouble or as the accumulated number of continuous troubles when two or more troubles of same kind occur continuously.

Select the number corresponding to the display mode with the 10-key and press the [OK] key.

- 1: The trouble history display by SIM 22-4 is displayed as it is when two or more troubles occur continuously.
- 0: The trouble history display by SIM 22-4 is displayed as one trouble when two or more troubles occur continuously.

Default: 0



26 - 36

Purpose Function

Setting

(Purpose) tion

Used to set the ICU fan operating temperature. (Operation in pre-heat mode.) (Excluding Japan models.)

Section

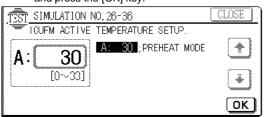
ICU

Operation/ Procedure Operation

Used to set the threshold value of the ambient temperature for turning ON the ICU fan motor in the preheat mode.

Set range : 0~33[°C] Default : 30[°C] (30)

Enter the operating temperature with the 10-key pad and press the [OK] key.



26 - 40

Purpose	
Function	
(Purpose)	

Setting

Polygon motor stop mode setup (AR-501/505) Used to set the stop time of the polygon mo

Used to set the stop time of the polygon motor after leaving in ready state and to set Enable/Disable of the setting. (Other models)

Item Spe

Specifications

Operation/ Procedure

(AR-501/505)

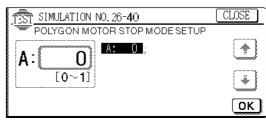
When this simulation is executed, the current set value is displayed.

At that time, the set value can be changed with the 10-key.

When the OK key is pressed, the currently set value is stored in the $\ensuremath{\mathsf{EEPROM}}$.

Default: 0

0	Normal mode	Control according to the setup in the silent mode by the user setup.
1		After completion of a job, the polygon motor is stopped in the time set in the silent mode of the user setup.



(Other models)

Α

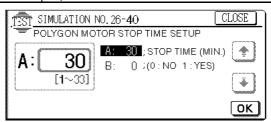
- Used to set the time (minute) to stop the polygon motor with the 10-key.
 - (Regardless of setting in B, the time can be freely set.)
- 2. Press the OK key to store the set time.
- Press the CA key to reset. Only when B is set to "1: YES", the polygon motor is stopped in the set time.

Set range: 1-30 min Default: 30 min

B Used to set YES/NO of the setup of A.

Default: 0 (NO)

Set value	Content	
	NO (The currently set operation is performed.) \rightarrow	
	SP/FP does not stop.	
	40 NEW Stops in the default time (30 min).	
1	Stops in the set value of A.	



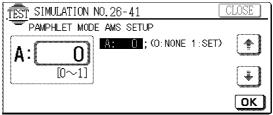
| 26 | - 41

Procedure

Purpose	Setting	
Function (Purpose)	Used to enable/disable the auto magnification ratio select (AMS) function in the pamphlet copy mode.	
Item	Specifications	Operation mode
		(Common)
Operation/	This simulation is use	ed to enable or disable the auto-

This simulation is used to enable or disable the automatic magnification ratio selection (AMS) in the pamphlet mode.

Set value	Set content		
0	Automatic magnification ratio selection (AMS) is enabled.		
1	Automatic magnification ratio selection (AMS) is disabled.		



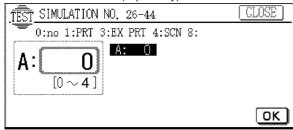
26 - 44

20 77		
Purpose	Setting	
Function (Purpose)		tel of the unit which is connected to
Section	ICU	
Item	Specifications	Interface/Communication

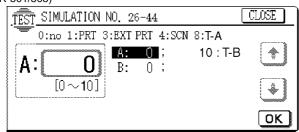
Operation/ Procedure A is at the left of B when viewed from the rear side.

- 0: No connection
- 1: Printer controller
- 3: External printer controller (Not used)
- 4: Scanner controller (Not used)
- 8: Tandem connection (Initiator)
- 10: Tandem connection (Target)

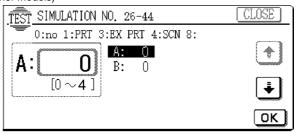
One SCSI channel available (Japan only)



Two SCSI channels available (AR-501/505)



(Other models)

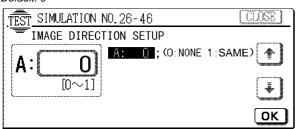


26 - 46

26 - 46			
Purpose	Setting		
Function (Purpose)	Used to set the image direction or not regardless of modes when the finisher/sorter is installed.		
Item	Specifications Operation mode		
	(Common)		
Operation/ Procedure		set the image direction or not then the finisher/sorter is in-	

stalled. (Other models than AR-501/505)			
Set value Set content			
0	Not set. (The image direction is changed in the staple mode of FN1*.)		
Set. (The image direction is not changed regardless of presence of the staple.)			

Default: 0



26 - 50

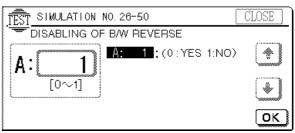
20 - 30	
Purpose	Setting
Function (Purpose)	Used to set YES/NO of black/white reversion is allowed.
Item	Specifications
Operation/ Procedure	When this simulation is executed, the current set value is displayed.

At that time, the set value can be changed with the 10-key.

When the OK key is pressed, the currently set value is stored in the EEPROM.

Default: 1 (YES) (Black/white reversion is allowed.)

0	NO: Black/white reversion is inhibited.
1	YES: Black/white reversion is allowd.



26 - 52

Function (Purpose)

Used to set whether white paper discharge count up is performed or not.

("White paper" means insertion paper in the OHP insertion paper mode (without copy), cover paper in the cover paper insertion mode (without copy)/back cover, and white paper in the duplex exit mode (CA etc.).)

Operation/ Procedure

When this simulation is executed, the current set value is displayed.

Under this state, the set value can be changed with the 10-key.

Content

When the OK key is pressed, the currently set value is stored in the $\ensuremath{\mathsf{EEPROM}}.$

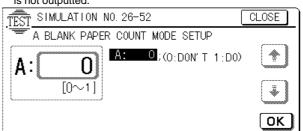
	Oct Tailar		00.110.11
Α		White paper count up is not performed.	
		White paper count up is performed.	
Destination			Default
U.K./Europe/Aus.		s.	0 (Count up is not performed.)
Others			1 (Count up is performed.)

When set to 0 (count up is nor performed), the following counters do not count up.

- COPIES counter
- Total counter
- Maintenance counter

Set value

- Developer counter
- Department management counter
- The signal (PNC) for the external auditor (mechanism counter) is not outputted.



Purpose

Setting

Function (Purpose) Used to set the operation specifications when a communication trouble occurs between the host computer and MODEM (on the copier). (When a communication trouble occurs between the host computer and MO-DEM (copier), the self diag display (U7-00) is printed and setting is made to select inhibit/allow of printing.)

Section Item

Communication unit (TEL/LIU/MODEM etc.)

Specifications

Operation mode (Common)

Operation/ Procedure Enter the code number corresponding to the operation mode with the 10-key and press the [OK] key.

Used to set Enable/Disable of U7-00 trouble detection.

Set value	Content	
0	U7-00 trouble detection is disabled.	
	(Default)	
1	U7-00 trouble detection is enabled.	

- 0: Though a communication trouble occurs between the host computer and the MODEM (machine side), the operation of the machine is not affected.
- 1: When a communication trouble occurs between the host computer and the MODEM (copier side), the self diag display (U7-00) is shown and printing is inhibited.



27 - 2

Purpose

Function (Purpose)

Used to set and change the host computer/MODEM numbers. (This setting is required when a communication is made between the copier and a computer through MODEM.)

Section

Communication unit (TEL/LIU/MODEM etc.)

Item

Data User data

Operation/ Procedure

1. Select the PC/MODEM(HOST#/TEL#)to be set or changed. 'The selected key is highlighted.)

2. Press the [OK] key.

The key is highlighted and inquiring of the present set number of the selected PC/MODEM is made to the host computer.

(When the number is supplied from the host normally.)

The present set number is displayed in the column of PRE-SENT (or no display is made if not registered) and the [OK] key at the upper right returns from the gray display to the normal display.

(In case of a trouble)

"Failed (U7-00)" is displayed in the column of PRESENT and the OK key at the lower right returns from the highlight display to the normal display.

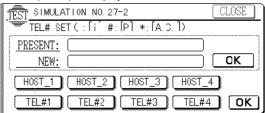
- 3. When changing the number, enter the new number (max. 24 digits) with the 10-key and the following keys.
 - #:[P]((program) key
 - *: [AUDIT CLEAR] ((Dept. count end) key
 - , : [i]((Information) key

4. When the [OK] key at the upper right is pressed, the newly set number for the selected PC/MODEM is registered.

(When registered normally)

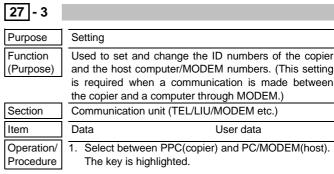
The number displayed in the column of NEW disappears and the newly set number appears in the column of PRESENT (In case of a trouble)

"Failed (U7-00)" is displayed in the column of NEW.



Note

For this setting, the copier and the host computer must be connected with a communication line (MODEM).



2. Press the [OK] key at the lower right. (The key is highlighted and an inquiry of the selected ID No, to the host.)

(When the number is supplied from the host normally)

The present set number is displayed in the column of PRE-SENT (or no display is made if not registered) and the [OK] key at the upper right returns from the gray display to the normal display.

(In case of a trouble)

"Failed (U7-00)" is displayed in the column of PRESENT and the OK key at the lower right returns from the highlight display to the normal display.

- 3. When changing the number, enter the new number (max. 24 digits) with the 10-key and the following keys.
 - X: [P](program) key
 - Y: [AUDIT CLEAR](dept. count end) key

The entered number is displayed in the column of "NEW"

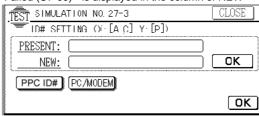
4. When the [OK] key at the upper right is pressed, the newly set ID number of the selected PC/MODEM is registered on the host side.

(When registered normally)

The number in the column of NEW disappears and the newly set and registered number appears in the column of PRE-SENT.

(In case of a trouble)

"Failed (U7-00)" is displayed in the column of NEW



Note

For this setting, the copier and the host computer must be connected with a communication line (MODEM).

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Purpose Setting **Function** Used to enter the start time and the end time of servic-(Purpose) ing for management of service work. (The data can be checked by the host computer.) Communication unit (TEL/LIU/MODEM etc.) Section Item Data Operation/ 1. Press the SERVICE START key when starting serv-Procedure icing. The key is highlighted.

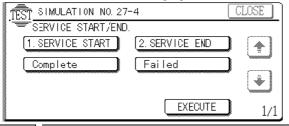
2. Press the [EXECUTE]key.

The key is highlighted and the data on service start time is sent.

- Press the [SERVICE END]Key after completion of servicing. The key is highlighted.
- 4. Press the [EXECUTE]key .

The key is highlighted and the data on service end time is sent. When the host receives the data normally, "Complete" is highlighted.

In case of a trouble, "Failed"is highlighted.



Note

For this setting, the copier and the host computer must be connected with a communication line (MODEM).



Purpose Function (Purpose)

Used to enter the TAG No. of the copier. (This simulation allows to check the machine TAG No. with the host computer.)

Section Item Communication unit (TEL/LIU/MODEM etc.)

Operation/ Procedure

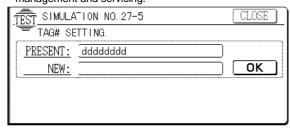
 When entering the tag No. newly or changing the tag No. enter the value (max. 8 digits) with the 10-key. The entered number is displayed in the column of "NEW"

2. Press the [OK] key.

Setting

The new tag No. entered in procedure 1 is set.

It is advisable to enter the machine's SER No. for machine management and servicing.



Note

For this setting, the copier and the host computer must be connected with a communication line (MODEM).

30

30 - 1

Purpose Operation test/check

Function (Purpose)

Used to check the operation of sensors and detectors in the paper feed section, the paper transport section, and the paper exit section, and the related circuit.

Others

Section Item

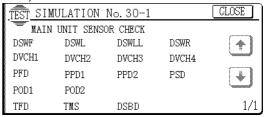
Operation

Operation/ Procedure The operations of the sensors and detectors in the sections other than the paper feed section of the copier are displayed.

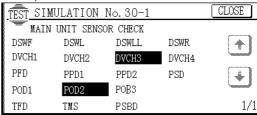
The active sensors and detectors are highlighted.

DSWF	Copier front door open/close	
DSWL	Copier left door	
DSWLL	Copier left lower door	
DSWR	Copier right door	
DVCH1	Developing unit installation detection	
DVCH2	Developing unit installation detection	
DVCH3	Developing unit installation detection	
DVCH4	Developing unit installation detection	
PFD	Paper vertical transport sensor	
PPD1	Paper transport sensor 1	
PPD2	Paper transport sensor 2	
PSD	Paper transport sensor	
POD1	Paper exit sensor 1	
POD2	Paper exit sensor 2	
POD3	Paper exit sensor 3	
TFD	Waste toner bottle full detection	
TMS	Toner motor missing detection	

(AR-501/505)



(Other models)



30 - 2

Purpose

Operation test/check

Function (Purpose)

Used to check the operation of sensors and detectors in the paper feed section and the related circuits.

(The operations of sensors and detectors in the paper feed section can be monitored with the LCD.)

Section Paper transport

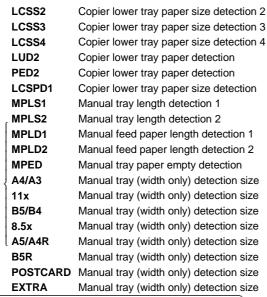
Item Operation

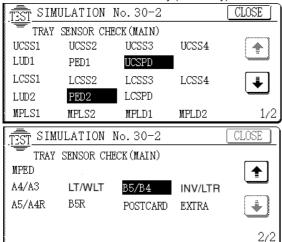
Operation/ Procedure

The operations of the sensors and detectors in the paper feed section of the copier are displayed.

The active sensors and detectors are highlighted.

Copier upper tray paper size detection 1
Copier upper tray paper size detection 2
Copier upper tray paper size detection 3
Copier upper tray paper size detection 4
Copier upper tray upper limit detection
Copier upper tray paper detection
Copier upper tray paper size detection
Copier lower tray paper size detection 1





40

One of

theseis

displayed

40 - 1

	_	

Purpose Operation test/check

Function (Purpose)

Used to check the operation of the manual paper feed tray paper size detector and the related circuit. (The operation of the manual paper feed tray paper size detector can be monitored with the LCD.)

Section Paper transport

Item

Operation

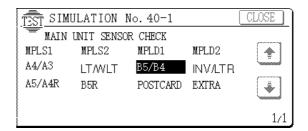
Operation/ Procedure The operations of the sensors and detectors in the manual paper feed section are displayed.

The active sensors and detectors are highlighted.

One of these is

displayed.

MPLS1 Manual tray length detection 1 MPLS2 Manual tray length det3ction 2 MPLD1 Manual feed paper length detection 1 MPLD2 Manual feed paper length detection 2 A4/A3 Manual tray (width only) detection size 11x Manual tray (width only) detection size B5/B4 Manual tray (width only) detection size 8.5x Manual tray (width only) detection size A5/A4R Manual tray (width only) detection size B₅R Manual tray (width only) detection size **POSTCARD** Manual tray (width only) detection size **EXTRA** Manual tray (width only) detection size



Purpose Adjustment Function (Purpose) Used to adjust the manual paper feed tray paper width detector detection level. Section Paper transport

Operation/ Procedure

Item

- 1. Open the manual paper feed guide at maximum.
- re 2. Press the [MAX POSITION] key.
- 3. Press the [EXECUTE] key.

Operation

The[EXECUTE] key is highlighted then it returns to the normal display.

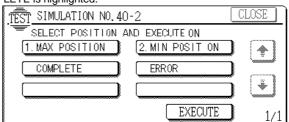
The manual paper feed guide max. width position detection level is recognized.

- 4. Open the manual paper feed guide at minimum.
- 5. Press the [MIN POSITION] key.
- 6. Press the [EXECUTE] key.

The key is highlighted then it returns to the normal display. The manual paper feed guide min. position detection level is recognized.

If the above operation is not performed properly, the ERROR display is highlighted.

If performed properly, the above data is stored and the COM-PLETE is highlighted.



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41 - 1

Purpose Operation test/check/Operation data output/Check (Display/Print)

Function (Purpose)

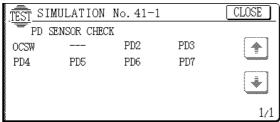
Used to check the operation of the document size sensor and the related circuit. (The operation of the document size sensor can be monitored with the LCD.)

Section Others
Item Operation

Operation/ Procedure The operations of the sensors and detectors in the document size detection section are displayed.

The active sensors and detectors are highlighted.

ocsw		Normal display: Open	Highlighted display: Close
PD*	Document	Normal display:	Highlighted display:
	sensor	Document empty	Document exist



Purpose Adjustment Used to adjsut the document size sensor detection Function (Purpose) level. Section Others Item Operation Operation/ 1. Open the original table, and press the [EXECUTE] Procedure key with no original on the original table. The sensor level setting with no original on the table is performed.

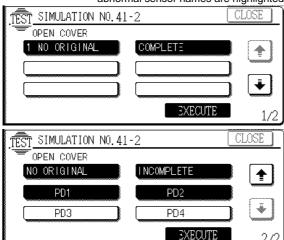
(Normal case) The COMPLETE display is highlighted (for 1 sec), then it returns to the normal display.

(Abnormal case) The INCOMPLETE display and the abnormal sensor name are highlighted.

Set an A3 paper (11" x 17") and press the [EXECUTE] key. The sensor level setting with original is performed.

(Normal case) The COMPLETE display is highlighted (for 1 sec), then it returns to the normal display. The "NO ORIGINAL" display turns to "A3 ORIGINAL".

(Abnormal case) The INCOMPLETE display and the abnormal sensor names are highlighted.



41 - 3

Purpose	Operation test/check
Function (Purpose)	Used to check the operation of the document size sensor and the related circuit. (The document size sensor
	output level can be monitored with the LCD.)
Section	Others
Item	Operation
Operation/ Procedure	The detection output level of each sensor is displayed in real time.

OCSW	Document cover state
PD*	Document sensor

* The value in [] shown at the right of each sensor name is the threshold value.

TEST SIMULATIO	N NO.4:	1-3	C.	LOSE
PD SENSOR	DISP			
ocsw :	0	PD1[128]:	0	
PD2[128]:	0	PD3[128]:	0	لستسا
PD4[128]:	0	PD5[128]:	0	
PD6[128]:	0	PD7[128]:	0	
				1/1

43

43 - 1	
Purpose	Setting
Function (Purpose)	Used to set the fusing temperature in each operation mode.
Section	Fixing (Fusing)
Item	Operation
Operation/ Procedure	1. Select the kind of lamps and the operation mode with $[\uparrow]$, $[\downarrow]$ keys.

- 2. Enter the set value with the 10-key.
- Press the [OK] key to set the fusing temperature set in procedure 2.

Used to set the fusing temperature in the normal mode and in the power save mode.

INSIDE NORMAL: The control temperature in the normal

mode and when the center lamp is heated. (190) (AR-501/505 (200))

heated. (190) (AR-501/505 (200)) **OUTSIDE NORMAL:** The control temperature in the power

save mode (pre-heat mode) and the side lamps are heated. (190) (AR-501/505

(200))

INSIDE PREHEAT: The control temperature in the manual

copy mode when the center lamp is

heated. (*1)

OUTSIDE PREHEAT: The control temperature in the manual

copy mode when the side lamps are

heated. (*2)

INSIDE MFT: The control temperature in the manual

copy mode when the center lamp is

heated. (200)

OUTSIDE MFT: The control temperature in the manual

copy mode when the side lamps are

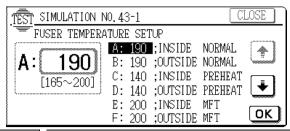
heated. (200)

(): Default

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	Pre-heat mode fusing temperature set value			
	MODEL			
Destination	AR-230/280/285 series AR-2X1/2X6/3X1 /250 series	AR-330/335 series AR-3X6 series	AR-4XX series AR-501/505	
U.S.A. (Inch)	125	130	140	
Canada (Inch)	125	130	140	
Other (Inch)	125	130	140	
Japan	130	130	140	
Other (AB)	125	130	140	
Europe (AB)	110	130	140	
U.K. (AB)	110	130	140	
Aus. (AB)	110	130	140	

8/6/1999



Note

Be sure to set to the default value. If not, a trouble may occur.

43 - 3

Function (Purpose)

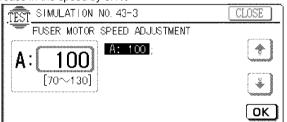
Used to adjust the fusing motor speed. (AR-501/505 only)

Operation/ Procedure When this simulation is executed, the current set value is displayed. Under this state, the set value can be changed by pressing the 10-key. When [OK] key is pressed, the set value is stored in the EEPROM.

Adjustment value	70	100	130
Speed	97%	100%	103%

An increase in the adjustment value by 1 corresponds to an increase in the speed by 0.1%

A decrease in the adjustment value by 1 corresponds to a decrease in the speed by $0.1\%\,$



43 - 8

Function (Purpose)

Used to set the time to rotate the fusing motor after reaching the set temperature in warming up. (AR-501/505 only)

Operation/ Procedure When this simulation is executed, the current set value is displayed. Under this state, the set value can be changed by pressing the 10-key. When [OK] key is pressed, the set value is stored in the EEPROM.

Set range: 10 - 120 sec

Default: Varies according to the destination setup (SIM 26-6).

Japan: 30 sec

EX Japan: Varies according to the destination.



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44 - 1

Purpose

Setting

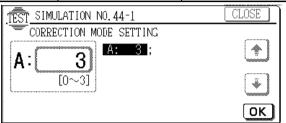
Function (Purpose)

Used to set whether the correction functions of the image forming (process) section are valid or not.

To enable all the correction functions, set to 3.

(Note) The default setting must be 3.

Cativalua	Developing bias voltage	OPC drum sensitivity
Set value	correction limit	correction
0	Disable	Disable
1	Disable	Enable
2	Enable	Disable
3	Enable	Enable



Note

(Note) It must be set to the default 3.

44 - 2

Operation/ Procedure

When the [EXECUTE] key is pressed, it is highlighted and the main motor rotates to start the drum marking sensor and the image density sensor gain adjustment. (The adjustment is automatically performed.)

After completion of the adjustment, the [EXECUTE] key returns to the normal display and the main motor stops.

At that time, the gain level of each sensor is displayed.

If the adjustment is not completed properly, the ERROR display is shown.

DMLED: Drum marking sensor gain adjustment value **PCLED:** Image density sensor gain adjustment value

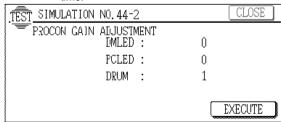
DRUM:

Kinds of drums

- 0: Others
- 1: AR330DR/AR336DR/AR336DM/ARdR23; 10mm
- 2: AR330DM/ARDR17; 3 x 4 x 3mm
- 3: AR400DR/AR400DM: 15mm
- 5: AR500DR/AR500DM/ARDR25; 5mm

As other models except AR-501/505 do not recognize 5mm marking, "0" is displayed at that

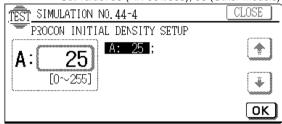
time.



44 - 4 Purpose Function Used to set the target image (reference) density level in (Purpose) the developing bias voltage correction. Image process (Photoconductor/Developping/Transfer/ Section Cleaning) Item Adjust/Setting data Operation/ 1. Enter the set value (38) with the 10-key. Procedure

2. Press the [OK] key. (The value entered in procedure

Set value: 36 (AR-501/505), 38 (Other models)



Note It must be set to 36 for AR-501/505 or 38 for other models

44 - 5

Purpose Setting

Function (Purpose) Used to set various parameters (main charger grid voltage, laser beam power, correction start developing bias voltage) in developing bias correction.

Section

Image process (Photoconductor/Developing/Transfer/ Cleaning)

Item

Operation

Operation/ Procedure

- 1. Select the parameter mode with $[\uparrow]$, $[\downarrow]$ keys.
- 2. Enter the parameter with the 10-key.

3. Press the [OK] key. (The value entered in procedure 2 is set.)

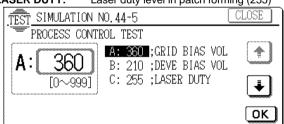
Reference charging voltage level in patch **GRID BIAS VOL:**

forming (AR-501/505; 360), other models; 380) (Set value)

DEVE BIAS VOL: Reference developing bias voltage level in

patch forming (210) (Set value)

LASER DUTY: Laser duty level in patch forming (255)



Note

Be sure to set to the specified value. If not, the print image density may be disturbed.

44 - 9

Purpose

Operation data output/Check (Display/Print)

Function (Purpose) Used to check the data on the result of the image forming section correction (process correction) (the corrected main charger grid voltage in each print mode, developing bias voltage, the laser power, etc.) (This simulation allows to check whether the correction

is executed properly or not.)

Section

Image process (Photoconductor/Developping/Transfer/ Cleaning)

Data Item Operation data (Machine condition)

Operation/ Procedure Used to display the drum rotating time and the high voltage output in each copy mode and the laser power correction power.

(AR-250/280/281/285/286/335/336/405)

DRUM ROTATION: Drum rotating time (sec) **DEVE RFERENCE ADJUST:** Toner concentration correction

amount

DRUM: Drum identification result

0: Others

1: AR330DR/AR336DR/AR336DM/ARdR23; 10mm

2: AR330DM/ARDR17; 3 x 4 x 3mm 3: AR400DR/AR400DM: 15mm 5: AR500DR/AR500DM/ARDR25: 5mm

As other models except AR-501/505 do not recognize 5mm marking, "0" is displayed at that

GR BS: Main charger grid voltage level (*1) DV_BS: Developing bias voltage level (*1)

(Display) *1 : Sim 8-1, 8-2 Set voltage/actual output

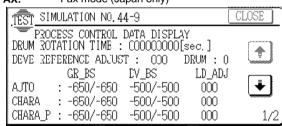
voltage (including corrected amount)

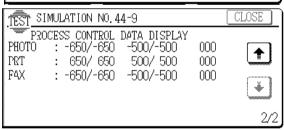
Laser power correction power display (mW) LD_AD:

AUTO: Auto mode CHARA-Character mode CHARA_P: Character/photo mode

PHOTO: Photo mode PRT: Printer mode

FAX: Fax mode (Japan only)





(AR-501/505)

Drum rotating time (sec) **DRUM ROTATION: DEVE MIXING TIME:** Developer rotating time (sec) **DEVE RFERENCE ADJUST A:** Toner concentration correction

amount

DEVE RFERENCE ADJUST B: Toner concentration correction

amount

DRUM: Drum identification result

0: Others

1: AR330DR/AR336DR/AR336DM/ARdR23; 10mm

2: AR330DM/ARDR17; 3 x 4 x 3mm 3: AR400DR/AR400DM; 15mm 5: AR500DR/AR500DM/ARDR25; 5mm

As other models except AR-501/505 do not recognize 5mm marking, "0" is displayed at that

GR BS: Main charger grid voltage level (*1) DV_BS: Developing bias voltage level (*1)

(Display) *1 : Sim 8-1, 8-2 Set voltage/actual output

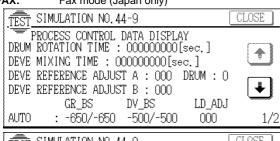
voltage (including corrected amount)

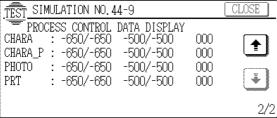
LD_AD: Laser power correction power display (mW)

AUTO: Auto mode
CHARA: Character mode
CHARA_P: Character/photo mode

PHOTO: Photo mode PRT: Printer mode

FAX: Fax mode (Japan only)





44 - 12

Purpose Operation data output/Check (Display/Print)

Function (Purpose)

Used to check the toner image patch density date in correction operation of the image forming section. (This simulation allows to check whether the correction is executed properly or not.)

Section Image process (Photoconductor/Developping/Transfer/

Cleaning)

Item Data Operation data (Machine condition)

Operation/ Procedure The latest developing bias correction data is displayed. The sensor detection level (density) in the toner image patch section/OPC drum base during the developing bias corection is displayed.

DMLED: Drum marking sensor gain adjustment level
PCLED: Image density sensor gain adjustment level
DV_BS: The developing bias voltage level when forming

PT2/BS2 of ID (1)

PT1/BS1: No. 1 toner image patch section/Drum base sensor

detection level

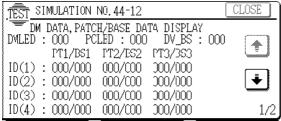
PT2/BS2: No. 2 toner image patch section/Drum base sensor

detection level

PT3/BS3: No. 3 toner image patch section/Drum base sensor

detection level

ID (n): Sequence number of correction operation



44 - 15

Purpose Setti

Function (Purpose)

Used to set the correction values of various parameters (maincharger grid voltage, laser beam power, developing bias voltage) in the image forming operation and image forming section correction for OPC drum type A. (AR-250/280/281/285/286/335/336/405 only)

Section

Image process (Photoconductor/Developing/Transfer/ Cleaning)

Item

Operation

Operation/ Procedure Used to set various parameters of image forming operation and image forming section correction operation for drum type A.

- 1. Select the correction item with $[\uparrow]$, $[\downarrow]$ keys.
- 2. Enter the set value with the 10-key
- 3. Press the [OK] key. (The value entered in procedure 2 is set.)

DV BIAS: Developing bias base voltage (Equivalent

to SIM 8-1 for Drum type B.) (500)

GIRD BIAS: Main charger grid voltage (Equivalent to

SIM 8-2 for drum type B.) (475)

LD POWER: Laser power (Equivalent to SIM 61-2 for

drum type B.) For

AR-2X1/3X1/4XX/250/XX6 series, set to "10" (default). For AR-230/250/285/330/335

series, set to "16."

PROCON DB: Base developing bias voltage in toner

image patch forming (in developing bias correction) (Equivalent to SIM 44-5B) (500)

(Correction value to SIM 44-5B)

PROCON GB: Base main charger grid voltage (Equivalent

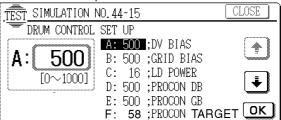
to SIM 44-5A in drum type B) (500) (Correction value to SIM 44-5A)

PROCON TARGET: Target image (reference) density level in

developing bias voltage correction (Equivalent to SIM 44-4 4 in drum type B)

(58)

Be sure to set to the specified value.



Note

Be sure to set to the specified value. If not, the print image density may be disturbed.

46

46 - 2

Purpose

Adjus

Function (Purpose)

Used to adjust the copy density in the copy mode (binary/multi-value - auto, character and photo, photo

(The overall print density in each mode (all of the specified density set for each density level (display value)) can be adjusted in each mode.)

Item

Picture quality

Density

Operation/ Procedure

 Select the print mode with [↑], [↓] keys. (The set value is highlighted.)

2. Enter the adjustment value with the 10-key.

Press the [OK] key or the PRINT button.
 The value entered in procedure 2 is set.
 When the PRINT key is pressed, copying is performed.

(Note) When a set value (density adjustment value in density level 3) in the left column of the table below is changed with this simulation, the set value (the overall density level set value) in the right column is changed accordingly.

The parameters of the right and the left simulations and their adjustment items are the adjustment values in the same print mode.

The result of adjustment by the simulation executed at the last is reflected in actual printing.

The print density is normally adjusted by SIM 46-2. To customize the print density for the density level display value according to the user's request, use the

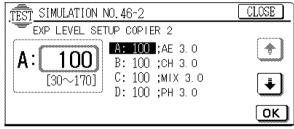
simulation in the right column. (Excluding auto mode)

(AR-230/280/285/330/335 series)

Binary mode

Set with SIM 46-2. Parameter to be changed	Linked simulation data
AE3.0 (AE)	
CH3.0 (Character)	Sim 46-9
MIX3.0 (Character/Photo)	Sim 46-10
PH3.0 (Photo)	Sim 46-11

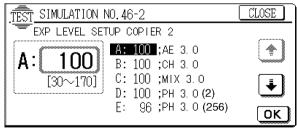
Default: 100



(AR-2X1/3X1/4XX/250/XX6 series)

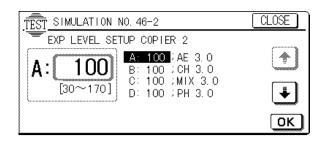
	Set with SIM 46-2. Parameter to be changed	Linked simulation data
Α	AE3.0 (AE)	
В	CH3.0 (Character)	Sim 46-9
С	MIX3.0 (Character/Photo)	Sim 46-10
D	PH3.0 (2)	Sim 46-11 (Photo error diffusion)
Е	PH3.0 (256)	Sim 46-7 (Photo multi value dither) (Japan only)

* For EX, the above value E is disabled.



(AR-501/505)

	Set with SIM 46-2.	Linked simulation data	
	Parameter to be changed	Linked Simulation data	
Α	AE3.0 (AE)		
В	CH3.0 (Character)	Sim 46-9	
С	MIX3.0 (Character/Photo)	Sim 46-10	
D	PH3.0 (2)	Sim 46-11 (Photo error	
		diffusion)	



Purpose Adjustment

Picture quality

Function (Purpose)

Used to adjust the copy density in the copy mode (multi value-auto, character and photo, photo mode).

(The overall print density in each mode (all of the specified density set for each density level (display value)) can be adjusted in each mode.)

Density

(AR-250/280/285/330/335 only) (Japan only)

Item
Operation/
Procedure

- Select the print mode with [↑], [↓] key.
 (The set value is highlighted.)
- 2. Enter the adjustment value with the 10-key.
- Press the [OK] key or the PRINT button. (The value entered in procedure 2 is set.) When the PRINT button is pressed, copying is performed.

(Note) When a set value (density adjustment value in density level 3) in the left column of the table below is changed with this simulation, the set value (the overall density level set value) in the right column is changed accordingly.

The parameters of the right and the left simulations and their adjustment items are the adjustment values in the same print mode.

The parameters of the right and the left simulations and their adjustment items are the adjustment values in the same print mode. The result of adjustment by the simulation executed at the last is reflected in actual printing.

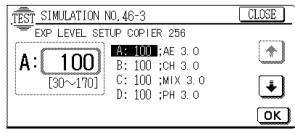
The print density is normally adjusted by SIM 46-2. To customize the print density for the density level display value according to the user's request, use the simulation in the right column. (Excluding auto mode/SIM 46-4.)

(Multi value mode)

Sim46-3 Parameter set/changed by SM 46-3	Linked simulation data
AE3.0 (AE)	
CH3.0(Character)	Sim46-5
MIX3.0(Character/photo)	Sim46-6
PH3.0(Photo)	Sim46-7

Default: 100

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Purpose
Function
(Durnosa)

Used to adjust the print density for each density level (display value) in the copy mode (multi Auto mode).

An arbitrary print density can be set for each density level (display value). (AR-250/280/285/330/335 only) (Japan only)

Item Operation/ Procedure Picture quality Density

1. Select the density level with the density adjustment

(The selected value is highlighted.)

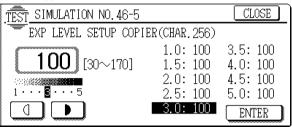
2. Enter the adjustment value with the 10-key.

3. Press the ENTER key or the PRINT button. (The value entered in procedure 2 is set.)

When the PRINT button is pressed, copying is performed.

To customize the print density for the density level display value according to the user's request, use this simulation.

Default: 100



46 - 6

Purpose Function (Purpose)

Adjustment

Used to adjust the print density for each density level (display value) in the copy mode (multi value-character, photo mode).

An arbitrary print density can be set for each density level (display value). (AR-250/280/285/330/335 only) (Japan only)

Item

Picture quality Density

Operation/ Procedure 1. Select the density level with the density adjustment

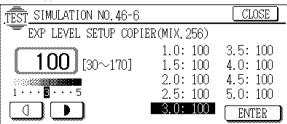
(The selected value is highlighted.)

- 2. Enter the adjustment value with the 10-key.
- Press the ENTER key or the PRINT button. (The value entered in procedure 2 is set.)

When the PRINT button is pressed, copying is performed.

To customize the print density for the density level display value according to the user's request, use this simulation.

Default: 100



46 - 7

Purpose

Adjustment

Function (Purpose) Used to adjust the print density for each density level (display value) in the copy mode (multi value - photo mode).

(Japan only)

Item
Operation

Picture quality Density

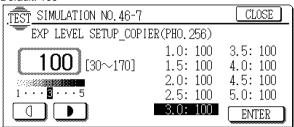
1. Select the density level with the density adjustment key. (The selected value is highlighted.) Procedure

- 2. Enter the adjustment value with the 10-kev.
- Press the [ENTER] key or the [PRINT button]. (The value entered in procedure 2 is set.)

When the [PRINT button] is pressed, copying is performed.

To customize the print density for the density level display value according to the user's request, use this simulation.

Default: 100





Purpose

Adjustment

Function (Purpose) Used to adjust the print density for each density level (display value) in the copy mode (binary - character mode).

Item Operation/ Procedure Picture quality Density

1. Select the density level with the density adjustment

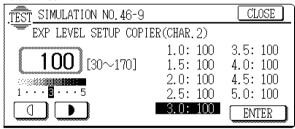
(The selected value is highlighted.)

- 2. Enter the adjustment value with the 10-key.
- Press the ENTER key or the PRINT button. (The value entered in procedure 2 is set.)

When the PRINT button is pressed, copying is performed.

To customize the print density for the density level display value according to the user's request, use this simulation.

Default: 100



46 - 10

Purpose

Adjustment

Function (Purpose)

Used to adjust the print density for each density level (display value) in the copy mode (binary - character, photo mode).

An arbitrary print density can be set for each density level (display value).

Item Operation/ Procedure Picture quality

1. Select the print mode with [↑], [↓] keys. (The set value is highlighted.)

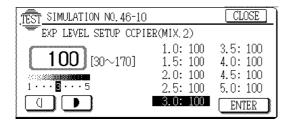
- 2. Enter the adjustment value with the 10-key.
- 3. Press the [OK] key or the PRINT button. (The value entered in procedure 2 is set.)

When the PRINT button is pressed, copying is performed.

To customize the print density in each mode according to the user's request, use this simulation to adjust the print density.

Default: 100

8/6/1999 7 - 36



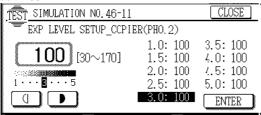
Purpose Adjustment Function Used to adjust the print density for each density level (Purpose) (display value) in the copy mode (binary mode). An arbitrary print density can be set for each density level (display value). Item Picture quality Density Operation/ 1. Select the print mode with $[\uparrow]$, $[\downarrow]$ keys. Procedure (The set value is highlighted.)

- 2. Enter the adjustment value with the 10-key.
- Press the [OK] key or the PRINT button. (The value entered in procedure 2 is set.)

When the PRINT button is pressed, copying is performed.

To customize the print density in each mode according to the user's request, use this simulation to adjust the print density.

Default: 100

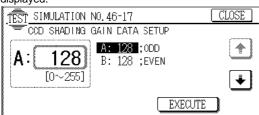


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Purpose	Setting/Operation data output/Check (Display/Print)	
Function (Purpose)	Used to execute shading correction and display the correction value.	
Item	Operation	
Operation/ Procedure	 Select the set item with [↑], [↓] keys. (The selected item is highlighted.) 	

2. Press the [EXECUTE] kev.

The shading correction is executed and the correction value is displayed.



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Purpose	Adjustment	
Function (Purpose)	Used to adjust γ (density gradient) in each copy mode. (Target models: AR-2X1/3X1/4XX/250/XX6/5XX series)	
Item	Picture quality Density	
Operation/ Procedure	 Select the print mode with [↑] key or [↓] key. (The display of the set value is highlighted.) 	

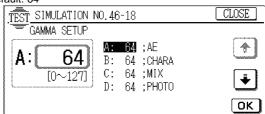
- 2. Enter the adjustment value with the 10-key.
- Press the [OK] key or the [PRINT] key.
 The value entered in procedure 2 is set.
 If the [PRINT] key is pressed, copying is performed.

With the following setting, the density gradient (γ) can be changed.

- A: Auto exposure mode (Center 64, 0 ~ 127)
- B: Character mode (Center 64, 0 ~ 127)
- C: Character, Photo mode (Center 64, 0 ~ 127)
- D: Photo mode (Error diffusion) (Center 64, 0 ~ 127)

(Note) The greater the value is, the greater the inclination is.

Default: 64



46 - 19

(Purpose)

Purpose Adjustment Function Used to adjust γ

Used to adjust γ (density gradient) and set the density detection area in the auto copy mode and to set the image process mode in the photo copy mode. (Target models: AR-2X1/3X1/4XX/250/XX6/5XX series)

Item	Picture quality Density
Operation/	1. Select the desired mode with $[\uparrow]$ key or $[\downarrow]$ key.
Procedure	(The display of the set value is highlighted.)

- 2. Enter the value with the 10-key.
- Press the [OK] key or the [PRINT] key. The value entered in procedure 2 is set.
 - A: Auto exposure mode setting
 - 1: Picture quality priority mode
 - 2: Toner consumption priority mode

(Default: Japan = 1, EX = 2)

- B: Auto exposure (Density detection) mode setting
 - 0: OFF (All surface density detection)
 - 1: ON (Image lead edge section density detection)

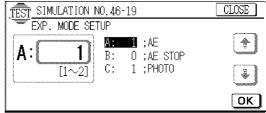
(Default: 0) (AR-2X1/3X1/4XX/250/XX6 series only)

- C: Photo mode image process setting
 - 1: Memory dither 8x8 mode
 - 2: Memory dither 8x8 mode
 - 3: Error diffusion photo mode

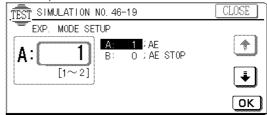
(Default: Japan = 1, EX = 3)

(Note) Except for Japan, the above C is fixed to "3."

(AR-2X1/3X1/4XX/250/XX6)



(AR-501/505)



Purpose

Adjustment

Function (Purpose)

Used to adjust the copy density correction in the SPF copy mode for the document table copy mode. Adjustment is made so that the copy density is the same as that in the document table copy mode. (Target models: AR-2X1/3X1/4XX/250/XX6/5XX series)

Item

Picture quality Densit

Operation/ Procedure

- Select the print mode with [↑] key or [↓] key.
 (The display of the set value is highlighted.)
- 2. Enter the adjustment value with the 10-key.
- Press the [OK] key or the [PRINT] key. (The value entered in procedure 2 is set.)

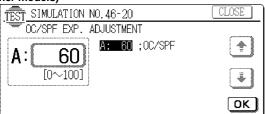
A: OC/SPF exposure correction value

Set range: 0 ~ 100 Center value: 50 (Default: 60)

(AR-501/505)



(Other models)



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Purpose	Adjustment
Function (Purpose)	Used to adjust the copy magnification ratio (main scanning direction, sub scanning direction).
Section	ICU
Item	Picture quality
Operation/ Procedure	 Select the adjustment mode with [↑], [↓] keys. Enter the adjustment value with the 10-key.

3. Press the [OK] key.

The value entered in procedure 2 is set.

- Sub scan direction magnification ratio --- (SCAN)
 The horizontal print magnification ratio (in the paper transport direction) of the image is adjusted by changing the scan speed in the paper transport direction.
- Main scan direction magnification ratio --- (F-R)
 The vertical print magnification ratio (front frame to near frame) is adjusted in the image process section by the software operation.
- c. Sub scan direction magnification ratio adjustment value (When SPF is used) --- (SPF) (When RSPF is used) --- (RSPF (SIDE1))
 The horizontal print magnification ratio (in the paper transport direction) is adjusted by changing the document transport speed.

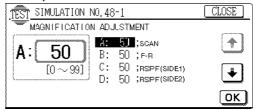
 d. Sub scan direction magnification ratio adjustment value (When RSPF is used) --- (RSPF (SIDE2))

The horizontal print magnification ratio (in the paper transport direction) is adjusted by changing the document transport speed.

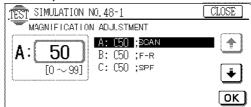
(When the set value is changed by 1, the magnification ratio is changed by about 0.1%.)

Default: 50

(AR-501/505)



(Other models)



50

50 - 1

Purpose

Adjustment

Picture quality

Function (Purpose)

Used to adjust the copy image position and the void area (image loss) on the print paper in the copy mode. (The same adjustment can be made with SIM 50-2 (simple method).)

Image position

Item
Operation/

- Select the adjustment item with [↑] [↓] keys.
- ocedure 2. Enter the adjustment value with the 10-key.
- Press the [OK] key. (The adjustment value entered in procedure 2 is set.)

(RRC-A)

This set value is used to align the document image lead edge ad the scan image data lead edge in the document table scan mode.

After starting scanning, the image lead edge position is determined by using the scanner home position detection signal (MHPS) OFF timing as the reference.

RRC-A set value = Time (distance) from the output of the scanner home position detection signal (MHPS OFF) to the image lead edge position.

If this setting is not made properly, the image lead edge position (image loss) varies depending on the copy magnification ratio.

When the set value is increased, the image position is shifted in the advancing direction on the paper.

When the set value is changed by 1, the image lead edge position is varied.

(SPF)

This set value is used to align the document image lead edge position and the scan image data lead edge position in the SPF scan mode.

After starting scanning, the scan image lead edge position is determined by using the resist sensor detection signal (REGS ON) timing as the reference.

RRC-A set value = Time (distance) from the output (resist sensor detection signal (REGS ON) to the image lead edge position.

If this setting is not made properly, the image lead edge position (image loss) on the copy paper may vary depending on the copy magnification ratio.

When the set value is increased, the image position is shifted in the advancing direction of the copy paper.

When the set value is changed by 1, the image lead edge position is changed by about 0.1mm.

(RRC-B)

This set value is used to adjust the relative positions of the image position on the OPC drum and the copy paper.

This adjustment is made by adjusting the time from the output timing of the image lead edge signal (LD START signal) to RRC ON.

At the timing of LD START signal output, the print image is made on the OPC drum at an optional position with the laser beam.

Actually the RRC ON timing is determined as follows:

RRC ON timing = This set value (RRC-B) - Lead edge void set value (DEN-A)

When the set value is increased, the RRC ON timing is delayed, decreasing the led edge void area.

When the set value is changed by 1, the lead edge void area is changed by about 0.17mm (about 0.21mm for AR-4XX series; about 0.24mm for AR-5XX series).

(Note)

The value of RRC-A must be properly set in advance to this adjustment.

(IMAGE LOSS)

This set value (timing adjustment value) is used to determine the lead edge image loss and the image lead edge reference position by using the scan image lead edge position set with RRC-A.

Effective print data is determined from the image lead edge position data scanned with this set value.

The image lead edge reference position on the document is at 2mm from the right of the document position alignment plate.

The effective image (effective image data) is determined by scanning the image.

When the set value is increased, the image loss becomes greater.

When the set value is changed by 1, the image loss is changed by about 0.1mm.

(DEN-A)

Used to set the timing for the RRC ON timing (paper timing) set with FFC-B.

RRC ON timing = (RRC-B) - Lead edge void set value (DEN-A) When this adjustment value is changed, the print image position for the paper position is changed. As a result, the lead edge void area is also changed.

When the set value is increased, the RRC ON timing is advanced and the lead edge void area becomes greater.

When the set value is changed by 1, the lead edge void area is changed by about 0.1mm.

(DEN-B)

The rear edge void area is adjusted by controlling the effective print data length with the image lead edge signal (LD START signal) output from the ICU as the reference.

The effective image (effective image data) is determined when scanning the image.

When the set value is increased, the rear edge void area becomes great.

When the set value is changed by 1, the rear void area is changed by about 0.1mm.

(REAR LOSS (SPF))

Used to adjust the rear edge image loss in the SPF copy mode.

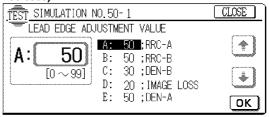
The greater the set value is, the greater the rear edge image loss is.

When the set value is changed by 1, the rear edge image loss is changed by about 1mm.

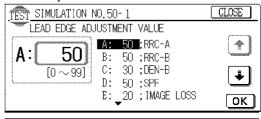
Adjust in the following sequence:

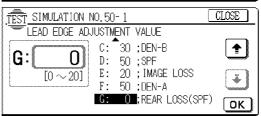
- Set the image loss amount (IMAGE LOSS) and the paper lead edge void amount (DEN-A) to arbitrary values (20). (0~99: 0.1mm/step)
- Adjust the document scan start position (RRC-A) so that the actual copy image loss becomes the value set in procedure 1. (0~99: 0.24mm/step) (0.29mm/step (AR-4XX/5XX series))
- Adjust the resist roller clutch ON timing (RRC-B) so that the actual copy image loss becomes the value set in procedure 1. (0~99: 0.17mm/step)
- 4) In the SPF copy mode, adjust the SPF image position (SPF) to the value set in procedure 1). (0~99, 0.1mm/step)
- 5) Adjust the rear edge image loss (REAR LOSS (SPF)) in the SPF copy mode. (0~20, 1mm/step) (AR-2X1/3X1/4XX/250/XX6 series only)
- Adjust the rear edge void amount (DEN-B). (0~99: 0.1mm/step)

(AR-501/505)



(Other models)





50 - 2

Purpose Adjustment

Function (Purpose)

Used to adjust the copy image position and the void area (image loss) on the print paper in the copy mode.

(Simple adjustment)

(This simulation allows the same simulation with SIM 50-1 more simply.)

3. Press the [OK] key. (The value entered in procedure 2 is set.)

IMAGE LOSS
DEN-A
DEN-B
Same as SIM 50-1

This simulation is used to automatically adjust the image loss, the void area, and the image position by directly entering the paper lead edge and the image shift (in the unit of 0.1mm) in 400% (200% for the SPF) copy.

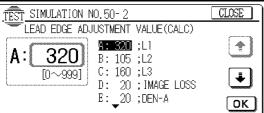
 Distance (Document table mode 400%) up to the scale of 10mm from the image lead edge a L3

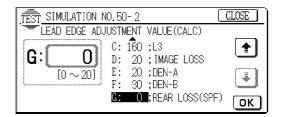
- b. Distance from the paper lead edge to the image lead edge \rightarrow 1.2
- c. Distance from the image lead edge to the scale of 10mm (SPF mode 200%) \rightarrow L3
- * The measurement value is multiplied with 10 to enter.

With the above procedure, the values of RRC-A and RRC-B in SIM 50-1 are automatically calculated and set.By directly setting the values (actual dimensions [mm] x 10) of IMAGE LOSS, DEN-A and DEN-B, the lead edge image loss, the lead edge void area, and the rear edge void area can be set.

By setting the image loss, DEN-A, DEN-B (actual dimension (mm) x 10) and REAR LOSS (SPF) (actual dimension (mm)) directly, the lead edge image loss, the lead edge void area, the rear edge void area and the rear edge image loss (SPF) can be set.

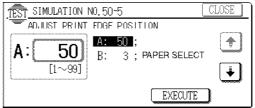
Code		Adjustment item	Adjustment value	Note
A	L1	Distance between the image lead edge and the scale of 10mm.		When the image lead edge position varied depending on the copy magnification ratio, change the set value.
В	L2	Distance between the paper lead edge and the image lead edge.		
С	L3	Distance between the image lead edge and the scale of 10mm (SPF mode).		When the image lead edge position varied depending on the copy magnification ratio, change the set value.
D	IMAGE LOSS	Lead edge image loss	1.5 to 3.0mm	The greater the set value is, the greater the image loss is.
Е	DEN-A	Lead edge void area	1.5 to 3.0mm	The greater the set value is, the greater the void area is.
F	DEN-B	Rear edge void area	1.5 to 3.0mm	The greater the set value is, the greater the void area is.
G	REAR LOSS (SPF)	Rear edge image loss (SPF mode)		The greater the set value is, the greater the image loss is. (AR-2X1/3X1 /4XX/250/XX6 series only)





When the set value is increased, the top margin is increased. When the set value is changed by 1, the top margin is changed by about 0.1mm.

Default: 50



50 - 6		
Purpose	Adjustment Used to adjust the copy lead edge. (RSPF)	
Function (Purpose)		
Item	Picture quality Print area	
Operation/ Procedure	1. Perform the 0C lead edge adjustment with SIM 6 1/2. (To use the 0C lead edge void quantity.)	0-

- Set the image loss quantity (LOSS (RSPF)) to a desired value. (0 - 99: 0.1 mm/step)
- Adjust the original scanning start position (RSPF (SIDE1)/RSPF (SIDE2)) so that the actual copy image loss quantity is as specified in procedure 2. (0 - 99: 0.1 mm/step)
- Adjust the rear edge void quantity (DEN-B). (0 99: 0.1 mm/step)
- Adjust the rear edge image loss quantity (REAR LOSS (SPF)) when the SPF is used. (0 - 20 mm/step)

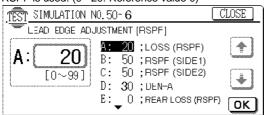
There are five input items of the copy lead edge adjustment; LOSS (RSPF), RSPF (SIDE1), RSPF (SIDE 2), DEN-B, and REAR LOSS (RSPF). Select the desired item with $[\uparrow]$, $[\downarrow]$ keys to change the set value.

- Image loss quantity setup value (RSPF) --- (LOSS (RSPF))
 Used to adjust the output timing of the image lead edge signal (SCAN signal) after starting scanning of the original. (0 99: Reference value 20)
- Original front surface scanning start position adjustment value --- (RSPF (SIDE1))
 - Used to set the time from the start of original feed to reaching at the exposure position. ([Front surface] (0 99: Reference value 50)
- Original back surface scanning start position adjustment value
 --- (RSPF (SIDE2))

Used to set the time from the start of original feed to reaching at the exposure position. [Back surface] (0 - 99: Reference value 50)

- Rear edge void quantity adjustment value --- (DEN-B)
 Used to set the void quantity made at the rear edge of the original when the RSPF is used. (0 99: Reference value 30)
- Rear edge image loss quantity setup value --- (REARL LOSS (RSPF))

Used to set the image loss quantity at the rear edge when the RSPF is used. (0 - 20: Reference value 0)



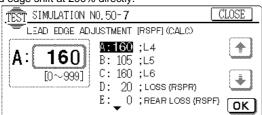
Purpose Adjustment Function (Purpose) (RSPF) Item Picture quality Print area Operation/ Procedure 1. Execute SIM 50-1/2 to adjust the 0C lead edge. (To adjust the 0C lead edge void quantity.)

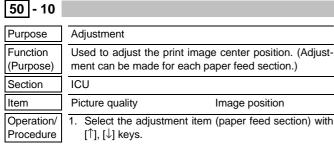
- Set the image loss quantity (LOSS (RSPF)) to the desired value. (0 - 99: 0.1 mm/step)
- 3. Set all of L4/I5/L6 to 0.
- 4. Make a 200% copy with the RSPF, and enter the shift quantity to L4/L5/L6. (0 999: 0.1 mm/step)
- Repeat procedure 4 until the paper rear edge void in an actual copy image becomes the value set in procedure 2.
- Adjust the rear edge image loss quantity (REAR LOSS (SPF)) when the SPF is used. (0 - 20: 1 mm/step)

There are five input items of the copy lead edge adjustment (simle method); L4, L5, L6, LOSS (RSPF), and REAR LOSS.

Select the desired item with $[\uparrow]$, $[\downarrow]$ keys in the touch panel to change the set value.

This simulation allows the lead edge adjustment by entering the lead edge shift at 200% directly.



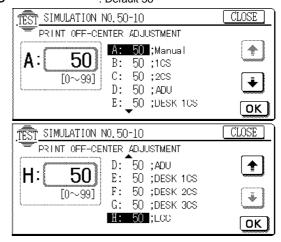


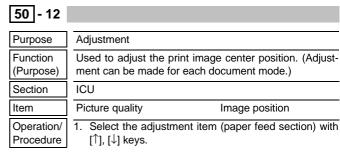
- 2. Enter the adjustment value with the 10-key.
- Press the [OK] key to set the adjustment value entered in procedure 1.

When the set value is increased, shift is made forward. When decreased, backward.

When the set value is changed by 1, the shift is changed by about 0.1mm.

A, **B**, **C**, **E**, **F**, **G**, **H** : Default 50 **D** : Default 58





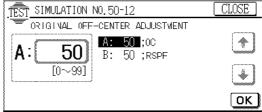
- 2. Enter the adjustment value with the 10-key.
- Press the [OK] key to set the adjustment value entered in procedure 1.

When the set value is increased, shift is made forward. When decreased, backward.

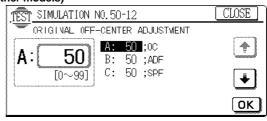
When the set value is changed by 1, the shift is changed by about 0.1mm.

Default: 50

(AR-501/505)



(Other models)



50 - 26

Function (Purpose)

Used to set the folding margin of center binding.

Operation/ Procedure

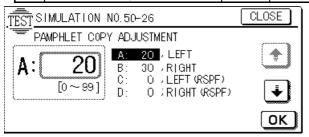
When this simulation is executed, the current set value is displayed.

Under this state, the set value can be changed with the 10-key.

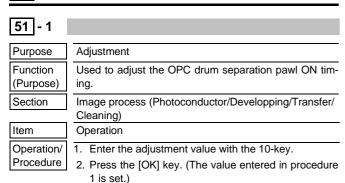
When the OK key is pressed, the currently set value is stored in the EEPROM.

(1 step: 0.1mm)

Item	Content	Range	Default
А	Clear quantity of the folding section of center binding left image (when the OC is used)	0 ~ 99	20
В	Clear quantity of the folding section of center binding right image (when the OC is used)	0 ~ 99	30
С	Clear quantity of the folding section of center binding left image (when the RSPF is used)	0 ~ 99	0
D	Clear quantity of the folding section of center binding right image (when the RSPF is used)	0 ~ 99	0



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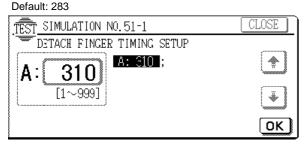


Time interval from the resist roller clutch (RRC) ON timing to the OPC drum separation pawl drive solenoid (PSPS) ON.

When the set value is increased, the timing is delayed. When the set value is changed by 1, the timing is changed by about 1 Omsec

(AR-250/280/281/285/286/335/336/405)

Default 310 (AR-501/505)



51 - 2

Purpose Adjustment

Function (Purpose)

Used to adjust the contact pressure of paper onto the resist roller in each section (copier paper feed section, duplex paper feed section, SPF paper feed section). (When the print image position varies greatly for the paper or when a lot of paper jam troubles occur, the adjustment is required.)

Section	Paper transport (Discharge/Switchback/Transport) Operation	
Item		
Operation/	,	
Procedure	Enter the adjustment value with the 10-key.	

3. Press the [OK] key. (The value entered in procedure 2 is set.) Used to set the TRCA OFF timing.

When the set value is increased, the timing is delayed and the paper pressure onto the resist roller is increased. When the set value is changed by 1, the timing is changed by about 1.0msec.

is changed by	r, the thing is onariged by about 1.0mees.
TRAY	Copier and desk paper feed high speed transport resist amount adjustment (45) (Default)
MANUAL	Manual paper feed resist amount adjustment (31) (Default)
LCC	LCC paper feed high speed transport resist amount adjustment (45) (Default)
ADU	ADF paper feed resist amount adjustment (30) (Default)
TRAY LOW	Copier and desk feed low transport resist amount adjustment (35) (Default)
LCC LOW	LCC paper feed low transport resist amount

adjustment (45) (Default)
SPF paper feed resist amount adjustment (50)

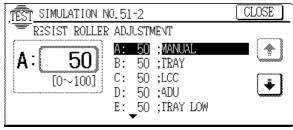
(Default)

RSPF (SIDE1) RSPF (SIDE1) paper feed resist amount

adjustment

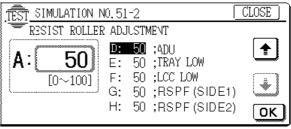
RSPF (SIDE2) RSPF (SIDE2) paper feed resist amount

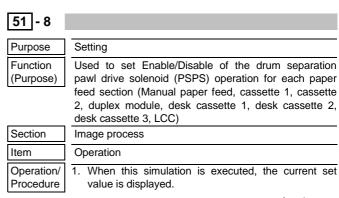
adjustment



(AR-501/505 only)

SPF





At that time, the item A-H can be selected with $[\uparrow]$, $[\downarrow]$ keys and the set value can be changed with the 10-key.

 When [↑] and [↓] and OK keys are pressed, the currently set value is stored in the EEPROM.

			Default
Α	Manual paper feed	0: Enable/1: Disable	0: Enable
В	Cassette 1	0: Enable/1: Disable	0: Enable
С	Cassette 2	0: Enable/1: Disable	0: Enable
D	Duplex module	0: Enable/1: Disable	0: Enable
Е	Desk cassette 1	0: Enable/1: Disable	0: Enable
F	Desk cassette 2	0: Enable/1: Disable	0: Enable
G	Desk cassette 3	0: Enable/1: Disable	0: Enable
Н	LCC	0: Enable/1: Disable	0: Enable



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52 - 1

Purpose

Adjustment

Function (Purpose) Used to adjust the duplex print mode stacking capability. (Used to adjust the stop position of the paper tray width direction alignment plate in the duplex unit. The adjustment is executed by changing the width direction alignment plate home position in the software.)

Section
Item

Duplex Operation

0-----

Operation/ Procedure

- 1. Select mode B with [↑], [↓] keys.
- 2. Select the paper feed mode with the 10-key.
- 3. Press the [EXECUTE] key.
- 4. Select mode A with $[\uparrow]$, $[\downarrow]$ keys.
- 5. Enter the adjustment value with the 10-key.
- 6. Press the [EXECUTE] key.

If there is no paper on the duplex tray, paper feed is performed in the paper feed mode selected in mode B and one sheet of paper is transported to the duplex tray. Then the value set in procedure 5 is set and the alignment plate is operated according to the home position corresponding to the set value.

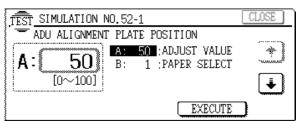
When the set value is changed by "1", it is changed by about 0.2mm.

When the set value is increased, the alignment plate paper width is decreased.

The set value is in the range of ± 50 with 50 at the center.

Set item

- A: Alignment plate adjustment value (Default: 50)
- B: Paper feed mode selection
 - 1 : Manual
 - 2: Upper cassette
 - 3: Lower cassette
 - 4: Desk top cassette
 - 5: Desk middle cassette
 - 6: Desk bottom cassette
 - 7: LCC



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53 - 1

Function

(Purpose)

Purpose Adjustment

Used to adjust the document stop position in each operation mode of ADF/RADF. (Target model: AR-250/280/285/335/405)

Section ADF/RADF

Item Operation

Operation/ 1. Select the adjustment mode with [↑], [↓] keys. Procedure 2. Enter the adjustment value with the 10-key.

3. Press the [OK] key.

The value entered in procedure 2 is set.

This is used to set the document transport belt stop timing.

NORMAL(S) Normal paper front surface, stop position

adjustment value

NORMAL(D) Normal paper back surface, stop position

adjustment value

THIN (S) Thin paper front surface, stop position

adjustment value

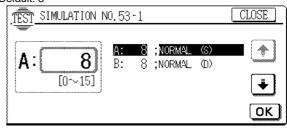
THIN (D) Thin paper back surface, stop position

adjustment value

Relations between the adjustment value and the document stop position (Varies depending on machines.)

07: - 1.000mm

Default: 8



53 - 2

Purpose	Adjustment
Function (Purpose)	Used to adjust the optical sensor sensitivity in the ADF/RADF/RSPF.
Section	ADF/RADF/RSPF
Item	Operation
Operation/ Procedure	 The sensor names are displayed. Select the sensor to be adjusted with the key.

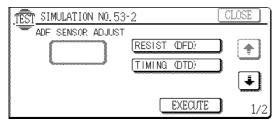
2. Press the [EXECUTE] key.

The adjustment of the sensor selected in procedure 1 is started. During execution of the adjustment, the [EXECUTE] key is highlighted. If the [EXECUTE] key is pressed under this state, the adjustment can be interrupted.

After completion of the adjustment, the COMPLETE display is shown.

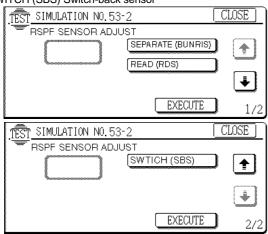
(When AR-AF1/RF1 is installed) REGIST (DFD) Resist sensor TIMING (DTD) Timing sensor

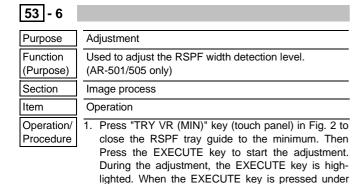
REVERSE (RDD) Paper exit/reverse sensor



(When RSPF is installed)
SEPARATE (SUNRIS) Post-separation sensor
READ (RDS) Read sensor

SWITCH (SBS) Switch-back sensor





When two or more operations are selected, the item which is displayed at the top is performed and the other items are canceled. The canceled items are returned to the normal display. After completion of the adjustment, the adjustment result is displayed with the adjustment item remained highlighted.

this state, the adjustment is interrupted.

(Normal end)

The menu of Fig. 4 is displayed for 3 sec, then the menu of Fig. 5 is displayed to complete the adjustment procedure.

The adjustment result data is displayed with numerical figures.

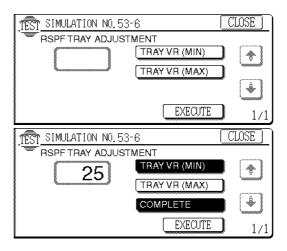
(Abnormal end)

The menu of Fig. 6 is displayed. IN this case, check the tray guide position again, and press the EXECUTE key to perform the sensor adjustment again.

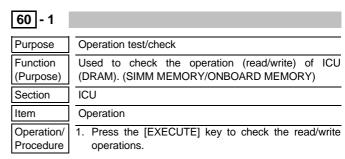
Press "TRAY VR (MAX)" key (touch panel) to open the RSPF tray guide to the maximum.

Then press the EXECUTE key to start the adjustment. During the adjustment, the EXECUTE key is highlighted. When the EXECUTE key is pressed under this state, the adjustment is interrupted.

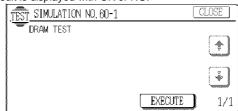
When two or more operations are selected, the item which is displayed at the top is performed and the other items are canceled. The canceled items are returned to the normal display. After completion of the adjustment, the adjustment result is displayed with the adjustment item remained highlighted.



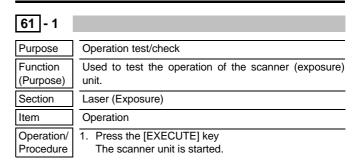
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After completion of the read/write operation check, the check result is displayed with OK or NG.

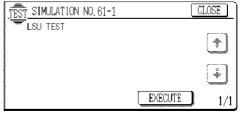


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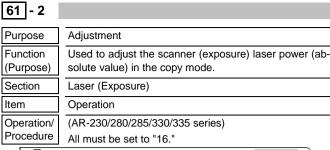


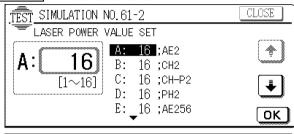
After completion of check operation, the result is displayed with OK or NG.

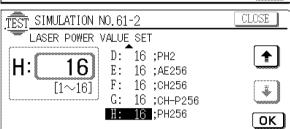
Used to check whether the sync signal (HSYNC/) is normally outputted or not by operating the laser (exposure) unit (laser motor rotation, laser emission).



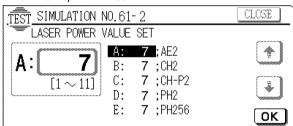
10/8/1999 7 – 44





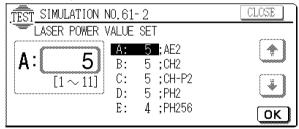


(AR-2X1/2X6/3X1/3X6 series) Set all to "7" except for PH256.



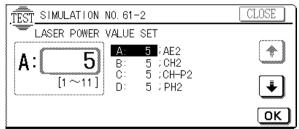
(AR-4XX series)

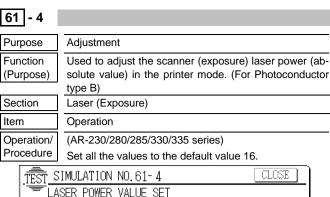
Set all to "5" except for PH256.

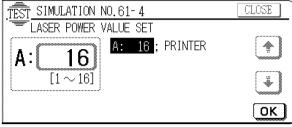


(AR-501/505)

All must be set to "5."





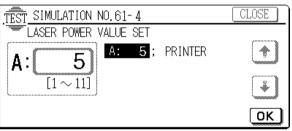


(AR-2X1/2X6/3X1/3X6)

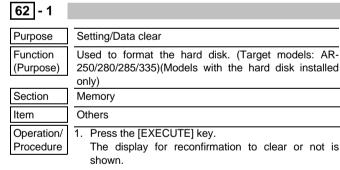
Set all the values to the default value 7.

(AR-4XX/501/505 series)

Set all the values to the default value 5.



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2. Select YES/NO to format.

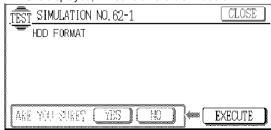
YES: Formatting is performed.

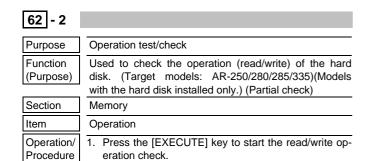
NO: Formatting is not performed.

3. Press YES.

Formatting is performed. After completion, the result is shown with OK or NG.

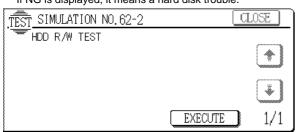
This procedure is necessary when the hard disk is replaced. If NG is displayed, it means a hard disk trouble.

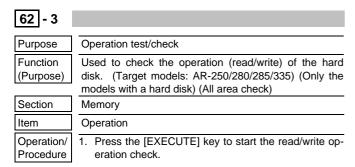




2. After completion of the read/write operation check, the result is displayed with OK or NG.

If NG is displayed, it means a hard disk trouble.



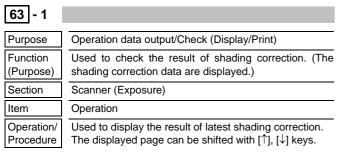


After completion of the read/write operation check, the result is displayed with OK or NG.

If NG is displayed, it means a hard disk trouble.



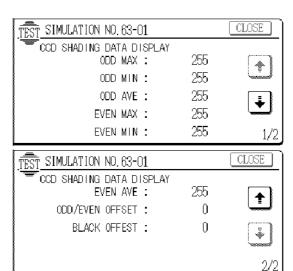
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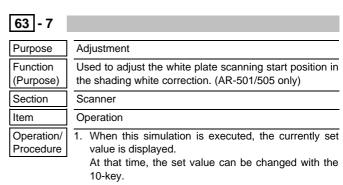


ODD/EVEN OFFSET: Difference between the average detection

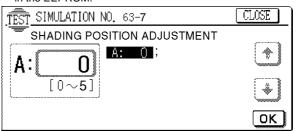
level and the max. detection level

BLACK OFFSET: Dark component (average level)

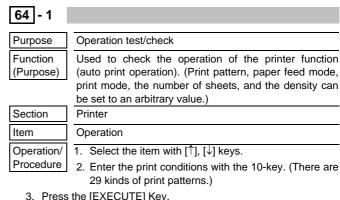




2. When the OK key is pressed, the currently set value is stored in the EEPROM.



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Printing is executed under the condition set with procedure 2.

A: Self print pattern ------ 1.ALL 1BY1(V)

B: Density level 2.ALL 1BY1(H)

C: Self print number 3.ALL 1BY2(V) setting

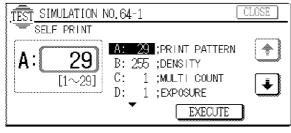
D:	Picture quality mode	4.ALL 1BY2(H)
	1: Auto	5.ALL 1BY3(V)
	2: Character	6.ALL 1BY3(H)
	3: Character/Photo	7.ALL 1BY4(V)
	4: Photo	8.ALL 1BY4(H)
E:	Paper feed source select	9.ALL 1BY5(V)
	1: Manual	10.ALL 1BY5(H)
	2: Upper cassette	11.ALL 2BY2(V)
	3: Lower cassette	12.ALL 2BY2(H)
	4: Desk top cassette	13.ALL 2BY3(V)
	5: Desk middle cassette	14.ALL 2BY3(H)
	6: Desk bottom cassette	15.BLACK *1
	7: LCC	16.GRAY SCALE 120/4(V) *3 *4
F:	Duplex print select	17.GRAY SCALE 120/4(H) *2 *4
	0: Single	18.GRAY SCALE 250/8(V) *2
	1: Duplex	19.GRAY SCALE 250/8(H) *2
		20.DOT PATTERN 250/2(V) *1
		21.GRAY SCALE 250/2(H) *3 *4
		22.SQUARE
		23.SLANT 45

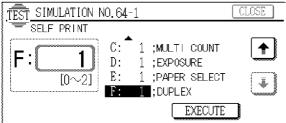
26.ID/BG 27.DOT PATTERN 12.5% 28.DOT PATTERN 25% 29.DOT PATTERN 50% 30.SMOOTHING CHECK PATTERN

24.SLANT 26.6

25.SLANT 63.4

- *1: In AR-2X1/3X1/4XX/250/XX6 series, only Japan specification model allows density change.
- *2: In AR-2X1/3X1/4XX/250/XX6 series, only Japan specification model works.
- *3: AR-2X1/3X1/4XX/250/XX6 series cannot work.
- *4: AR-501/505 cannot work.





65

65 - 1

Purpose

Adjustment

Function (Purpose)

Used to adjust the touch panel (LCD display) detecting position.

Section

Operation (Display/Operation key)

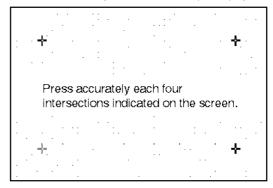
Operation/ Procedure Touch the four cross marks.

ocedure The coordinates at the pressed point are set.

When the coordinates are properly set, the display turns to gray

and returns to the simulation sub code entry screen.

In case of an abnormality, it returns to the input display.



65 - 2

Purpose

Operation data output/Check (Display/Print)

Function (Purpose)

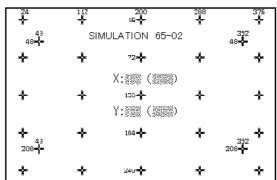
Used to check the result of the touch panel (LCD display) detecting position adjustment. (The coordinates are displayed.)

Section

Operation (Display/Operation key)

Operation/ Procedure When the touch panel is pressed, the AD value in each of X and Y directions at that point and the coordinate values are displayed in () as well as the coordinate values of each point.

It is based on the coordinates set with SIM 65-1.



67

67 - 1

Purpose

Operation test/check

Function (Purpose)

Used to check the printer PWB memory operation (read/write). (When replacing the PWB with a new one, this check must be performed.)

Section

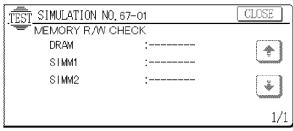
Printer

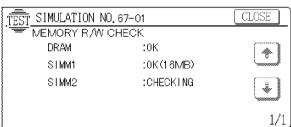
Operation

Data

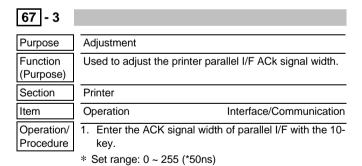
Operation/ Procedure

- When SIM 67-1 menu is displayed, the operation check of all memory (DRAM, SIMM1, SIMM2) of the printer section is started.
- For the RAM the operation check of which is started, "------"
 display is changed to "CHECKING." When checking is completed, the check result is displayed with "OK" or "NG."
 When SIMM is inserted, the memory capacity is also displayed as "OK(16MB)."





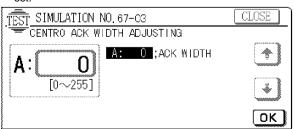
67 - 2 Purpose Operation test/check Function Used to check the printer parallel I/F operation. (This (Purpose) simulation is used only for production, and a special tool is required. Not available in the market.) Section Printer Item Interface/Communication Operation Operation/ Procedure TEST SIMULATION NO.67-02 CLOSE CENTRO PORT CHECK CENTRO PORT :READY

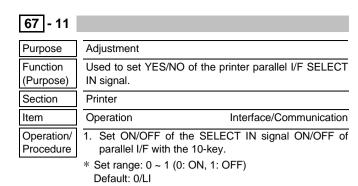


EXECUTE

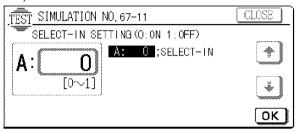
When the [OK] key is pressed, the value set in procedure 1) is set.

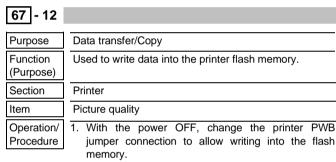
Default: 10





When the [ON] key is pressed, the set value set in procedure 1) is set.

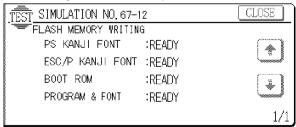




- Enter SIM 67-12 mode, and wait until "-----" display is changed to "READY."
- 3. Send data from PC.
 - The display of the item to be rewritten is changed in the sequence of "RECEIVE," "SUM," "ERASE," "BLANK," and "WRITE" and rewriting is performed.
 - 2) The result of rewriting is displayed with "OK" or "NG."
 - (Note) In case of an error, "ERROR!!! Exit sub Menu" is displayed.

In that case, press the interrupt key to exit from SIM 67-12 mode. If the machine still waits for date from PC, stop data sending.

Change the jumper connection of the printer PWB again to disable writing to the flash memory.



67 - 13	
Purpose	Data transfer/Copy
Function (Purpose)	Used to check the printer flash memory data.
Section	Printer

Item
Operation/
Procedure

Program

 Enter SIM 67-13 mode and wait until "-----" display is changed to "READY."

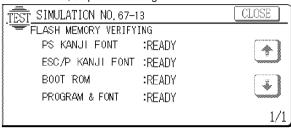
2. Send data from PC.

Data

- The display of the item to be rewritten is changed in the sequence of "RECEIVE," "SUM," "VERIFY" and checking is performed.
- 2) The result of checking is displayed with "OK" or "NG."

(Note) In case of an error, "ERROR!!! Exit sub Menu" is displayed.

In that case, press the interrupt key to exit from SIM 67-13 mode. If the machine still waits for date from PC, stop data sending.



67 - 14

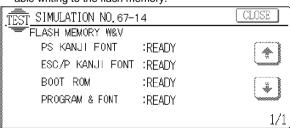
Purpose	Data transfer/Copy
Function (Purpose)	Used to check the printer flash memory data writing and its result.
Section	Printer
Item	Data Program
Operation/ Procedure	With the power OFF, change the printer PWB jumper connection to allow writing into the flash
	memory.

- Enter SIM 67-14 mode, and wait until "-----" display is changed to "READY."
- 3. Send data from PC.
 - The display of the item to be rewritten is changed in the sequence of "RECEIVE," "SUM," "ERASE," "BLANK," and "WRITE" and rewriting is performed.
 - 2) The result of rewriting is displayed with "OK" or "NG."

(Note) In case of an error, "ERROR!!! Exit sub Menu" is displayed.

In that case, press the interrupt key to exit from SIM 67-14 mode. If the machine still waits for date from PC, stop data sending.

Change the jumper connection of the printer PWB again to disable writing to the flash memory.



67 - 15

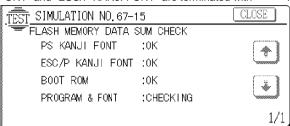
Purpose	Operation test/check			
Function (Purpose)	Used to check the sum of the printer flash memory.			
Section	Printer			
Item	Data Program			

Operation/ Procedure

- When the simulation is executed, flash memory sum check is started.
- For all the items to be checked, "------" is changed to "CHECKING." When checking is completed, the sum check result is displayed with "OK" or "NG."

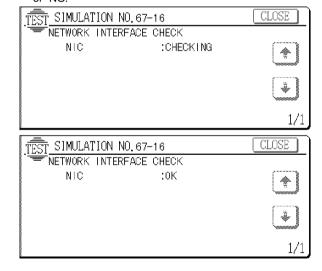
(In case of "NG" with PS KANJI font, the sum number is also displayed as "SUM2 NG" because there are four sums.

Since no KANJI font is available for ARPB2 (for EX), "PS KANJI FONT" and "ESC/P KANJI FONT" are terminated with "------."



67 - 16 Purpose Operation test/check Function Used to check the operation of the network card. (Purpose) Section Printer Item Operation Interface/Communication Operation/ 1. When SIM 67-16 menu is displayed, the operation Procedure check of the network card of the printer section is started

When checking is completed, the result is displayed with "OK" or "NG."



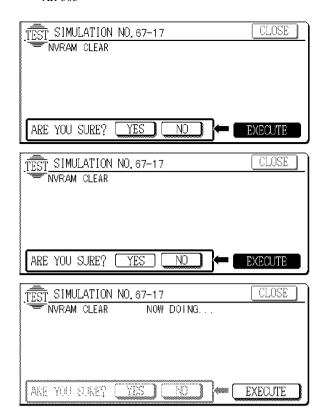
67 - 17	
Purpose	Data clear
Function (Purpose)	Used to clear data in the NVRAM of the printer PWB (set to the default). (Printer set data)
Section	Printer
Item	Data
Operation/ Procedure	To clear set data of the printer section, press the [EXECUTE] key.

2. Confirmation is displayed whether to clear NVRAM or not.

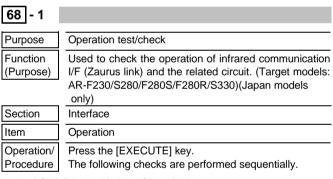
YES: Clear

NO: Not clear

During execution of clearing NVRAM, "NOW DOING..." is displayed.



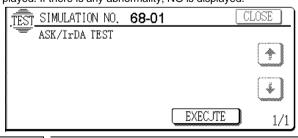
68



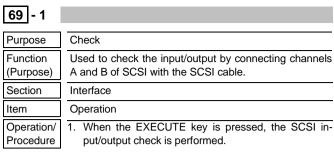
- 1. ASK/IrDA modulation LSI oscillation test
- 2. ASK modulation /IrDA modulation select test
- 3. ASK9600bps send/receive test
- 4. ASK19200bps send/receive test
- 5. IrDA9600bps send/receive test
- 6. IrDA115Kbps send/receive test

Japan only

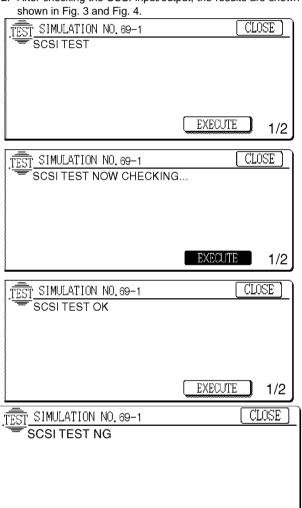
After completion of checking, if there is no abnormality, OK is displayed. If there is any abnormality, NG is displayed.



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2. After checking the SCSI input/output, the results are shown as



EXECUTE

1/2

Note

[8] DISASSEMBLY, ASSEMBLY, MAINTENANCE

1 Maintenance table

A. AR-250/280/281/285/286/335/336

5 Check (Check, clean, replace or adjust according to necessity.)

○ Cleaning ▲ Change △ Adjustment ☆ Lubrication ☐ Installing position change

Unit/Option name		Part name	Call	80K	160K	240K	320K	Remark
Drum section	OPC Drum	Drum		×	A	X	A	To be factory attached
	Drum	Cleaner Blade		A	A	A	A	
		Drum mark sensor		0	0	0	0	
		Drum destiny sensor		0	0	0	0	
		Drum separation pawl		A	A	A	•	Change the installing position at every 80
					_		_	K
		Toner reception seal		A	A	A	A	
		Toner reception auxiliary blade		0	0	0	0	
	TC / AC	Charger wire	(O) X	A	A	A	A	
		Charger case	0	0	0	0	0	
	Discharge Lamp	Discharge Lamp		0	0	0	0	
	Main charger	Charging plate (Saw blade)	0	A	A	A	A	
		Screen grid	(O) X	A	A	A	A	
Developing section	Developer Box	DV seal		×	A	X	A	
. •	,	DSD collar		0	0	0	0	
		DV side seal F		×	A	X	A	
		DV side seal R		×	A	×	A	
	Developer	Developer		A	_	A	_	To be charged at the time of installation
	Toner cartridge	Toner cartridge						To be charged at the time of installation /
		3						To be replaced by user about 17.5 K
	Waste toner bottle	Waste toner bottle	×					To be replaced by user about every 40 K
Optical section	Mirror base unit	Mirror	0	0	0	0	0	
- p		Pulley		×	×	×	×	
	Copy lamp unit	Refractor	0	Ô	Ô	Ô	Ö	
	Copy tamp and	Mirror	0	0	0	0	0	
	Rail	Rail		☆	☆	☆	☆	
	Glass	Table glass	0	O	Ô	Ô	Ö	
	Glass	Dust proof glass	0	0	0	0	0	
		White reference glass	 5	0	0	0	0	
	Scanner	Lens	0	0	0	0	0	
	Scarinei	Sensors	 5	0	0	0	0	
		Drive belt	-	×	×	×	×	
		Drive wire		×	×	×	×	
	OC	OC OC	0	ô	ô	Ô	ô	
Paper feed section		Rollers	(O) X	×	×	×	X	[Note 1]
raper leed section	Manual leed liay	Torque limitor	(O) X	×	×	×	×	[Note 1]
	Paper tray	Rollers	(O) X	×	×	×	×	[Note 1]
	гарегнау				☆			[Note 1]
		Brake spring	×	☆ ×	× O☆	☆ ×	☆	
Transport spetion	Transport	Torque limitor		ô			0☆	
Transport section	Transport	Transport rollers Resist roller	(O) X	0	0	0	0	
	Cuction		(O) X	0	0		0	
T in	Suction	Suction belt	(O) X			0		
Fusing section	Fusing unit 1	Upper heat roller	(O) X	(O) X	A	(O) X	A	
		Lower heat roller	(O) X	(O) X	<u> </u>	(O) X	A	
		Upper separation pawl	(O) X	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
		Lower separation pawl	(O) X	A	A	A	A	
	=	Insulation bush		X	×	×	×	
	Fusing unit 2	Thermistor		×	×	×	×	
		Upper heat roller gear		☆	A	☆	A	
		Gears		☆	☆	☆	☆	
Paper exit section	2 Tray paper exit unit	Paper exit follower roller	×	☆	☆	☆	☆	
		Transport rollers	(O) ×	0	0	0	0	
Drive section		Gears	☆	☆	☆	☆	☆	(Specified positions)
		Belts				X		
Filters				A	A	A	A	
Print Quality			×	×	×	X	×	

[Note 1] Rough guide of replacement intervals

The rollers should be replaced, using the values indicated by the counter of each paper feed port as a rough guide.

8 – 1

- 500-sheets cassette: 80 K or 2 years (this also applies to built-in 500-sheets container.)
- Manual feed tray: 40 K or 2 years
- Torque limitor of Manual feed tray: 120 K or 2 years

8/6/1999



B. AR-405

5 Check (Check, clean, replace or adjust according to necessity.) O Cleaning \triangle Change \triangle Adjustment \Rightarrow Lubrication \square Installing position change

Remark
/ attached
installing position at
ed at the time of
ed at the time of
To be replaced by 2 K
ed by user about
[Note 1]
[Note 1]
[Note 1]

-
isitions)
ositions)

[Note 1] Rough guide of replacement intervals

The rollers should be replaced, using the values indicated by the counter of each paper feed port as a rough guide.

- 500-sheets cassette: 80 K or 2 years (this also applies to built-in 500-sheets container.)
- Manual feed tray: 40 K or 2 years
- Torque limitor of Manual feed tray: 120 K or 2 years

C. AR-501/505

5 Check (Check, clean, replace or adjust according to necessity.)

O Cleaning A	▲ Change	∆ Adjustment	☆ Lubrication	☐ Installing pos	sition change

Unit/Option name Part name		When calling	125K	250K	375K	500K	Remark	
Drum peripheral	Drum		oaming	×	A	×	A	Installed when shipping (Alldestinations)
	Cleaner blade			A	A	A	A	, was a second of the second o
	Toner reception seal			A	A	A	A	
	Cleaner side seal F/R			×	×	×	×	
	Charger wire (TC/AC)		(O)×	<u> </u>	<u> </u>	A	<u> </u>	
	Screen grid		(O)×		_	<u> </u>	_	
	Drum separation pawl	unit	(3)/(Change the installing position at every 125K. (To
		din.		A •	A	A •	A	prevent against scratches on the drum)
	Waste toner bottle		×	_		_	_	Replace at every 40K. (By the user)
	D. L.			<u> </u>	0	0	0	
	Charger case (MC/TC/AC)		0	<u> </u>	0	0	0	
	Charging plate (Saw to	eeth)	0		A	A	A	
	Drum density sensor				0	0	0	
	Drum mark sensor			0	0	0	0	
Developing section	Developer			×	A	×	A	Supply when installing.
	DV seal			X	A	×	A	
	DSD collar			0	0	0	0	
	DV side seal F			×	A	×	A	
	DV side seal R			×	_	×	_	
	MG bearing			×	×	×	×	
	Toner cartridge							Attach when installing.
								EX Japan: Supply toner every 25K with 700g. (User replacement)
Fusing section	Upper heat roller		(O)X	0	A	0	A	
	Lower heat roller		X(C)	0	A	0	A	
	Upper separation paw		X(O)	A	A	A	A	
	Lower separation paw		(O)X	\blacksquare	A	▲ □	A	
	Thermistor		\-/	0	0	0	0	Clean and remove paper dust.
	Upper heat roller gear			☆	<u> </u>	☆	A	
	Paper guides		0	Ô	0	Ô	0	
	Gears			☆	☆	☆	☆	
	Insulation bush			X	X	×	X	
0-414	Cleaning roller	2			<u> </u>	A	<u> </u>	
Optical section	Mirror/Lens/Reflector/S		0	0	0	0	0	
	Table glass/Dust-proof	r glass/OC	0	0	0	0	0	
	RSPF glass		0	<u> </u>	0	0	0	
	Rails			☆	☆	☆	☆	
	Drive belt/Drive wire/Pulley			X	×	×	X	
Filters				A	A	A	A	
Paper feed section	Paper feed rollers (ma	nual/550 cassette)	X(C)	X	×	×	×	[Note 1]
•	500 cassette brake sp		×	☆	☆	☆	☆	
	Torque limiter (500 cas		×	×	О☆	×	O☆	
	Torque limiter (manual		×	×	X	×	X	[Note 1]
TC	TC paper guide unit	'/	×	×	×	×	×	[Note 1]
Suction	Suction belt		(O)X	ô	ô	ô	ô	
Suction								Novely provided
- :	Separation lamp		X	X	X	×	X	Newly provided.
Transport section	PS follower roller		(O)X	0	0	0	0	
Paper exit reverse	Transport rollers		(O)X	0	0	0	0	
	Paper exit follower roller (inside)			\$	☆	☆	☆	
section		er (inside)	×					
section	Curl correction roller	,	×	×	A	×	A	
section		,			A	×	0	
section Drive section	Curl correction roller	,	×	×				(Specified position)
	Curl correction roller Transport paper guide	,	(C)X	X O	0	0	0	(Specified position)
Drive section	Curl correction roller Transport paper guide Gears	,	× (O)× ☆	× O ☆	O ☆ ×	<u>O</u> ☆	O ☆	(Specified position)
Drive section Copy quality	Curl correction roller Transport paper guide Gears Belts	,	(C)X	× ⊙ ☆ ×	O ☆	O ☆ ×	⊙	(Specified position)
Drive section Copy quality Others	Curl correction roller Transport paper guide Gears Belts Sensors	s	× (O)×	× ⊙ ☆ × ×	O ☆ × × ×	O ☆ × ×	⊙	
Drive section Copy quality	Curl correction roller Transport paper guide Gears Belts	s Pickup roller	×(O)× × × (O)×	× ⊙ ☆ × ×	O ☆ × × × × ×	O ☆ × × ×	O	[Note 2]
Drive section Copy quality Others	Curl correction roller Transport paper guide Gears Belts Sensors	S Pickup roller Separation pad	X (O)X ☆ X (O)X (O)X	X O \$\frac{1}{2}\$ X X	O ☆ × × × × ×	O ☆ × × × × ×	○ ☆ × × × × × ×	[Note 2] [Note 2]
Drive section Copy quality Others	Curl correction roller Transport paper guide Gears Belts Sensors	Pickup roller Separation pad Paper feed roller	X (O)X ☆ X (O)X (O)X (O)X	× × × × × × ×	O	O ☆ × × × × × ×	O	[Note 2]
Drive section Copy quality Others	Curl correction roller Transport paper guide Gears Belts Sensors Paper feed section	Pickup roller Separation pad Paper feed roller Resist roller	(O)X	Х	× × × × × × ×	O ☆ × × × × × × O	O	[Note 2] [Note 2]
Drive section Copy quality Others	Curl correction roller Transport paper guide Gears Belts Sensors	Pickup roller Separation pad Paper feed roller Resist roller Transport roller	X (O)X	X O x X X X X O	→ × × × × × × × × × × × × × × × × × × ×	O	→ × × × × × × × × × × × × × × × × × × ×	[Note 2] [Note 2]
Drive section Copy quality Others	Curl correction roller Transport paper guide Gears Belts Sensors Paper feed section Transport section	Pickup roller Separation pad Paper feed roller Resist roller Transport roller Exposure section	(O)X (C)X (O)X (O)X (O)X (O)X (O)X	X O \$\frac{1}{2}\$ X X X X X O O	○ ☆ × × × × × × × × × × × × × × × × × ×	○★××××××××○○○	→ × × × × × × × × × × × × × × × × × × ×	[Note 2] [Note 2] [Note 2]
Drive section Copy quality Others	Curl correction roller Transport paper guide Gears Belts Sensors Paper feed section	Pickup roller Separation pad Paper feed roller Resist roller Transport roller	X (O)X	X O x X X X X O	→ × × × × × × × × × × × × × × × × × × ×	O	→ × × × × × × × × × × × × × × × × × × ×	[Note 2] [Note 2]

[Note 1] Replacement reference: Replace according to the counter value of each paper feed port.

- 500-sheeet cassette paper feed roller and related parts: 80K or 2 years
- Manual paper feed roller and related parts: 40K or 2 years
- Manual feed torque limiter: 120K or 2 years

[Note 2] Replacement reference: Replace according to the counter value of the document feed unit.: 80K or 2 years

[Note 3] Clean according to the above descriptions or the counter value of the document feed unit: 50K



2. List of disassembly and assembly

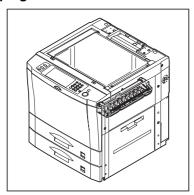
1.1.29	Douto			
Unit	Parts			
A. Developing unit	(1) Toner hopper			
	(2) Developing side seal (F/R)			
B. Drum unit	(1) OPC drum			
	(2) Drum separation pawl			
	(3) Cleaner blade			
	(4) Toner reception seal			
	(5) Main charger			
	(6) Transfer/separation charger			
C. Discharge lamp	(1) Discharge lamp			
D. Scanner unit	(1) Table glass			
	(2) White reference glass (SPF/RSPF			
	scanning glass)			
	(3) CCD unit			
	(4) Copy lamp			
	(5) Mirror base unit			
	(6) Copy lamp unit			
	(7) Rails			
	(8) Glass section			
	(9) Scanner section			
E. ICU peripheral	(1) HD unit			
	(2) ICU PWB			
	(3) SCSI PWB (AR-501/505)			
F. Laser unit	(1) Laser scan unit			

Unit	Parts			
G. Manual paper feed	(1) Manual paper feed sensor			
unit	(2) Rollers/torque limiters			
H. 500 tray paper unit	(1) Tray unit			
	(2) Tray paper feed unit			
I. Paper transport unit	(1) Paper transport section			
J. Suction unit	(1) Suction unit			
K. Fusing unit	(1) Thermistor			
	(2) Upper fusing separation pawl			
	(3) Lower fusing separation pawl			
	(4) Lower heat roller			
	(5) Upper heat roller			
	(6) Upper heat roller gear			
L. Two-tray paper exit	(1) Paper exit/transport roller			
M. One-tray paper unit	(1) Paper exit roller			
, papar	(2) Paper exit/transport roller			
N. PCU/AC power/	(1) PCU/AC power/High voltage power/			
High voltage power/	Main motor			
Main motor				
O. Major drive unit	(1) Major drive unit			
P. Lift-up unit	(1) Lift-up unit			
O. RSPF	(1) Paper feed section			
	(2) Transport section			
	(3) Paper exit section			
	(4) Others			

3. Counter clear

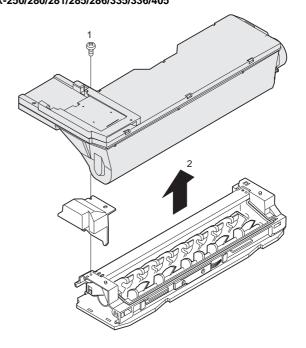
Maintenance cycle setting	SIM21-01	
Maintenance counter clear	SIM24-04	At drum replacement
Developing counter clear	SIM24-05	At developer replacement
OPC drum membrane decrease correction counter clear	SIM24-07	At drum replacement
Jam/trouble counter clear	SIM24-01	
Paper feed counter clear	SIM24-02	At maintenance
DF/Scan/Stapler counter clear	SIM24-03	At maintenance
Printer, other counter clear	SIM24-09	

A. Developing unit

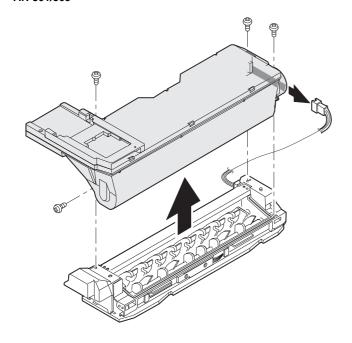


* After replacing developer, execute SIM 24-5 to clear the developer (copy quantity) counter.

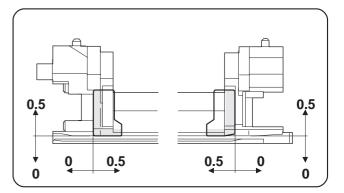
(1) Toner hopper AR-250/280/281/285/286/335/336/405

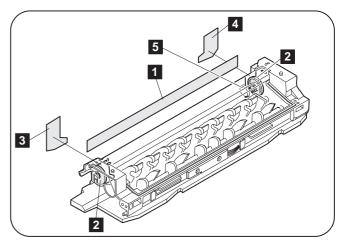


AR-501/505



(2) Developing side seal





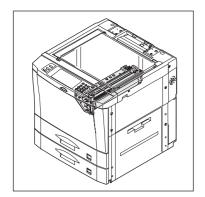
 $\ensuremath{\ast}$ Attache the developing side seals to the dimensions specified above.

				Cycle		
No.	Name	Work item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	DV seal	Check	80 K	90 K	125K	For attachment position, refer to DISASSEMBLY AND ASSEMBLY.
		Replace	160 K	180 K	250K	For attachment position, refer to DISASSEMBLY AND ASSEMBLY.
2	DSD collar	Clean	80 K	90 K	125K	
3	DV side seal F	Check	80 K	90 K	125K	
		Replace	160 K	180 K	250K	For attachment position, refer to DISASSEMBLY AND ASSEMBLY.
4	DV side seal R	Check	80 K	90 K	125K	
		Replace	160 K	180 K	250K	For attachment position, refer to DISASSEMBLY AND ASSEMBLY.
5	MG bearing	Check	_	_	125K	

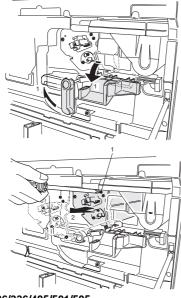
8 – 5



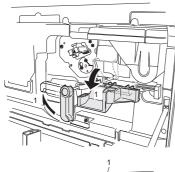
B. Drum unit

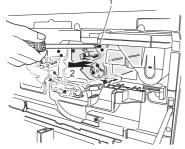


AR-280/285/335

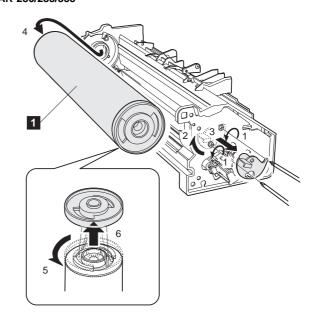


AR-250/281/286/336/405/501/505

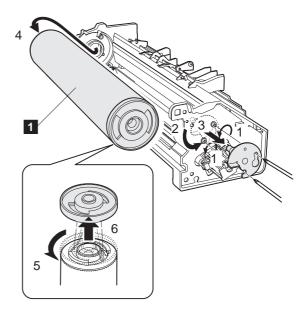




(1) OPC drum AR-280/285/335



AR-250/281/286/336/405/501/505

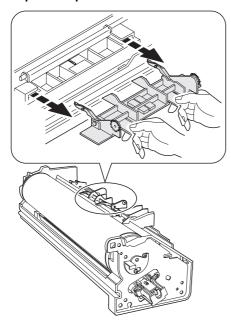


			Cycle				
No.	Name	Work item	AR-250/280/281/	AD 405	AR-501/505	Remark	
			285/286/335/336	AR-405	AR-501/505		
1	Drum	Check	80 K	90 K	125K	Installed when shipping (Alldestinations)	
		Replace	160 K	180 K	250K	Execute SIM 24-7 after replacement.	

st After replacing the OPC drum, execute SIM 24-7 to clear the counter.

 $[\]ast$ When installing the OPC drum, apply starting powder(UKOG-0088CSZZ).

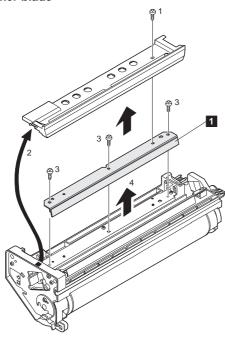
(2) Drum separation pawl



(The illustrations are the same as those of the AR-335.)

* Be careful to clean the pawl lead edge (the contact section with the drum) and keep it from foreign materials.

(3) Cleaner blade

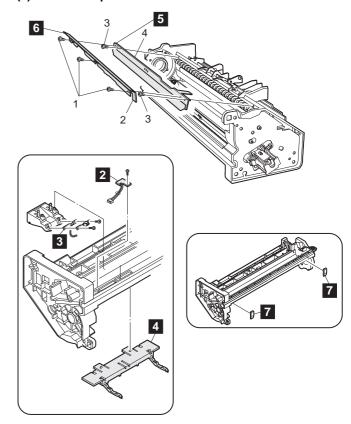


(The illustrations are the same as those of the AR-335.)

- st Do not touch the blade and the rubber section.
- * When installing, apply starting powder (UKOG-0088CSZZ).

				Cycle		
No.			AR-250/280/281/ 285/286/335/336	AR-405	AR-501/ 505	Remark
1	Cleaner blade	Replace	80 K	90 K	125K	
2	Drum mark sensor	Clean	80 K	90 K	125K	After cleaning, perform SIM 44-2.
3	Drum density sensor	Clean	80 K	90 K	125K	After cleaning, perform SIM 44-2.
4	Drum separation pawl unit	Replace	80 K	90 K	125K	Change the installing position at every 80 K
5	Toner reception seal	Replace	80 K	90 K	125K	
6	Toner reception auxiliary blade	Clean	80 K	90 K	125K	
7	Cleaner side seal F/R	Check	_	90K	125K	

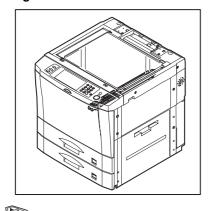
(4) Toner reception seal

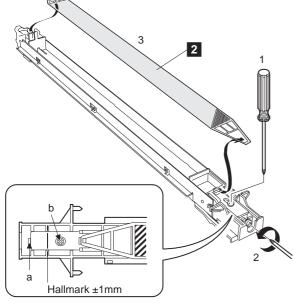


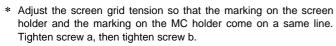
* Do not touch the seat section.

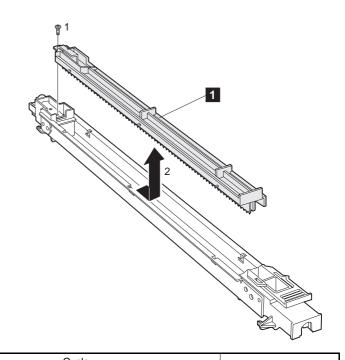


(5) Main charger





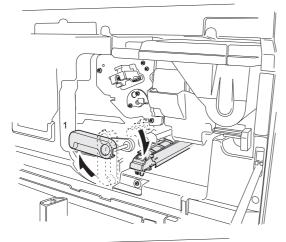


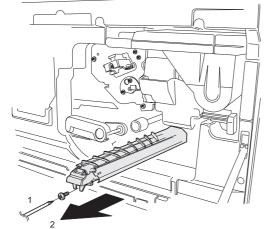


No. Name	Work item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark	
1	Charging plate (Saw tooth)	Replace	80 K	90 K	125K	
2	Screen grid	Replace	80 K	90 K	125K	

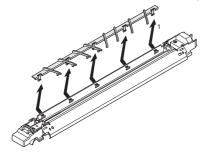
(6) Transfer/separation charger

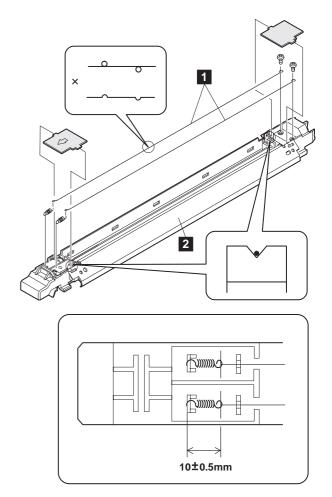




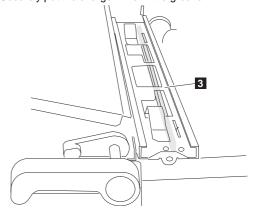


(The illustrations are the same as those of the AR-335.)





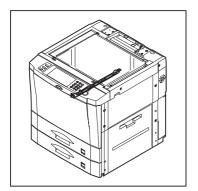
- * When replacing the charger wire:
 - Be careful not to twist or bend the wire.
 - Stretch the wire so that the tension spring length is as shown above.
 - Securely put the charger wire in the groove.



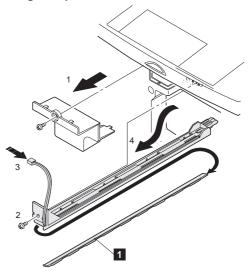
No.	No. Name	Work item	AR-250/280/281/	AR-405	AR-501/	Remark	
			285/286/335/336	AR-405	505		
1	Charger wire (TC/AC)	Replace	80 K	90 K	125K		
2	Charger case (MC/TC/AC)	Clean	80 K	90 K	125K		
3	Separation lamp	Clean	_	_	125K		



C. Discharge lamp



(1) Discharge lamp

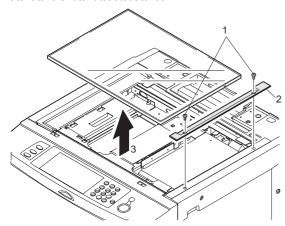


No.	Name	Work item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Discharge lamp	Clean	80 K	90 K	125K	

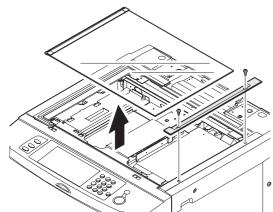
D. Scanner unit (Optical system)

(1) Table glass

AR-250/280/281/285/286/335/336/405

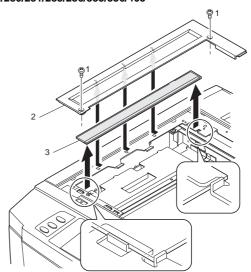


AR-501/505

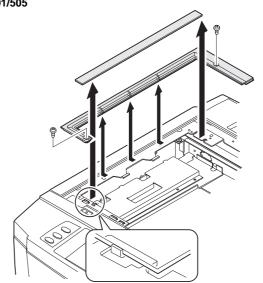


- * Table glass installing direction
 - Install the table glass so that the white marking on the glass is in the paper feed direction rear side.

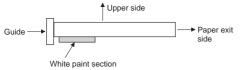
(2) White reference glass (SPF/RSPF scan glass) AR-250/280/281/285/286/335/336/405



AR-501/505

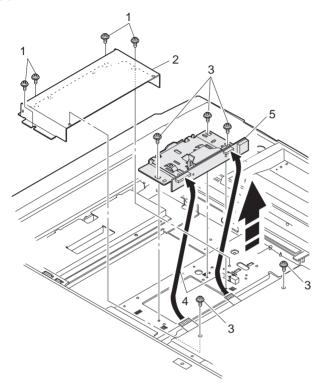


* The shape of the glass holder differs depending on the model.



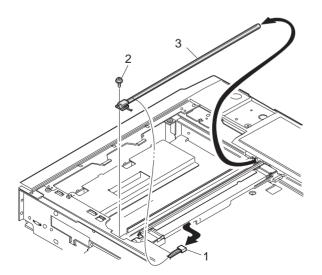
- * Attach the glass along the guide so that the white pain section of the white reference glass faces downward as shown above.
- * When handling the white reference glass, be careful not to scratch the white pain section and keep it from dirt or dust.

(3) CCD unit



- * Never loosen the screws other than those which are shown in the above figure.
 - If loosened, the adjustment cannot be made in the market.
- * When removing the CCD unit, mark the installing position.
- * When installing again, perform the main scanning direction magnification ratio adjustment (CCD unit installing position adjustment) described above.

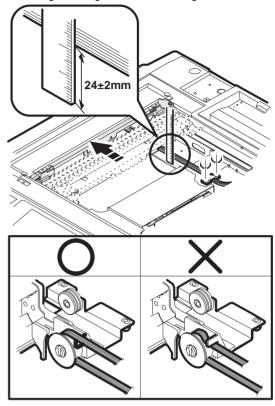
(4) Copy lamp



* Note for assembling the copy lamp unit

Shift the copy lamp unit to the paper exit side, and fix it with the harness guide so that the distance from the lower frame is about 24 \pm 2mm, (25 \sim 30mm) with the copy lamp harness extended.

If the copy lamp harness is loosely fixed, the copy lamp unit may jump up when reading, resulting in abnormal reading.

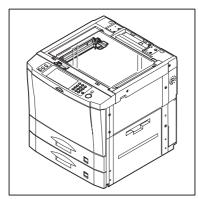


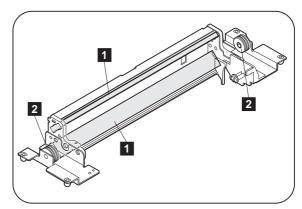
8/18/1999

8 - 11



(5) Mirror base unit

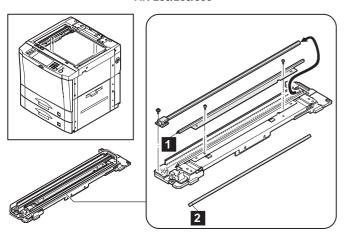




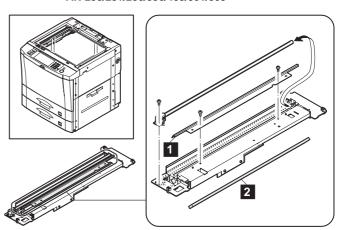
No.	Name	Work item	AR-250/280/281/ 285/286/335/336 AR-405 AR-501/505		AR-501/505	Remark
1	Mirror	Clean	80 K	90 K	125K	
2	Pulley	Check	80 K	90 K	125K	

(6) Copy lamp unit

AR-280/285/335

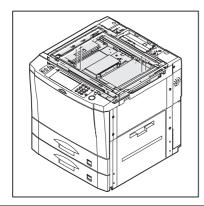


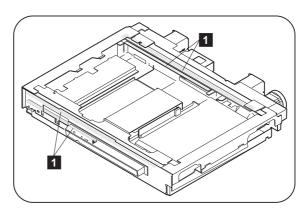
AR-250/281/286/336/405/501/505



				Cycle		
No.	No. Name	Work item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Reflector	Clean	80 K	90 K	125K	
2	Mirror	Clean	80 K	90 K	125K	

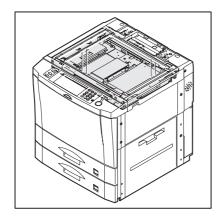
(7) Rails

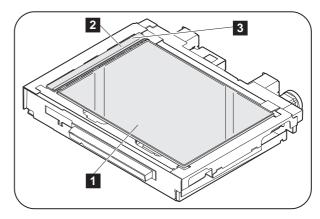




			Cycle			
No.	Name	Work item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Rails	Lubricate	80 K	90 K	125K	

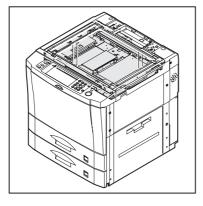
(8) Glass section

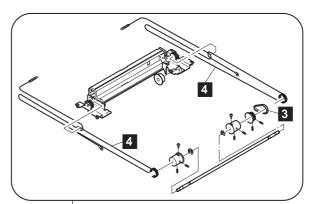


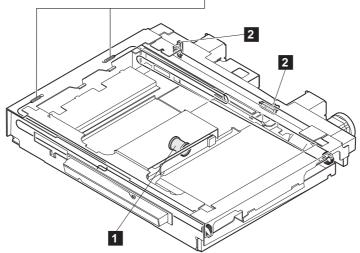


				Cycle		
No.	Name	Work item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Table glass	Clean	80 K	90 K	125K	
2	White reference glass (OC)	Clean	80 K	90 K	125K	
3	RSPF glass	Clean	_	_	125K	

(9) Scanner section







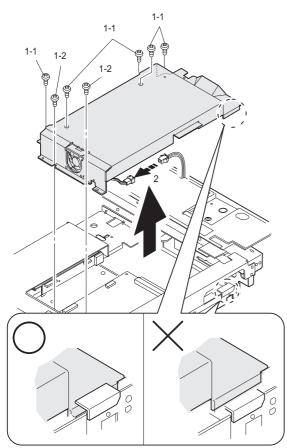
				Cycle		
No.	Name	Work item AR-250/280/28 285/286/335/3		AR-405	AR-501/505	Remark
1	Lens	Clean	80 K	90 K	125K	Do not use screws.
2	Sensors	Clean	80 K	90 K	125K	
3	Drive belt	Check	80 K	90 K	125K	
4	Drive wire	Check	80 K	90 K	125K	

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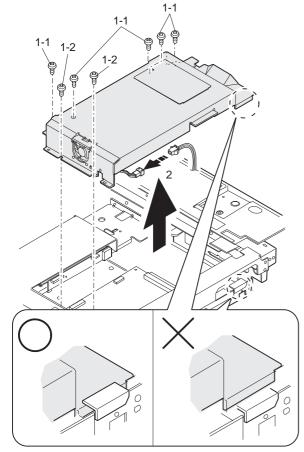


E. ICU peripheral

AR-250/280/281/285/286/335/336/405

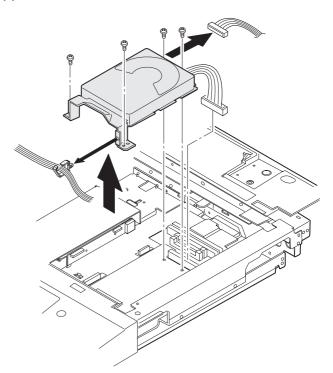


AR-501/505

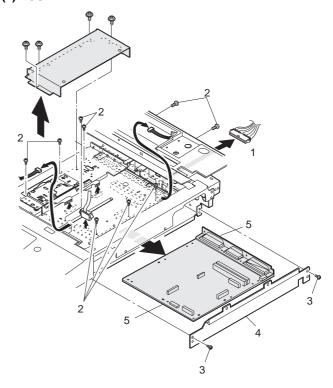


* Screw of 1)-1 and that of 1)-2 are different from each other.

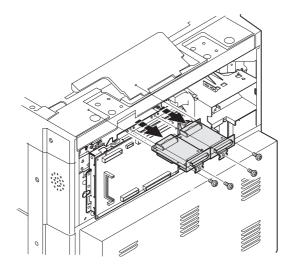
(1) HD unit



(2) ICU PWB



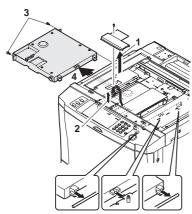
(3) SCSI PWB (AR-501/505)



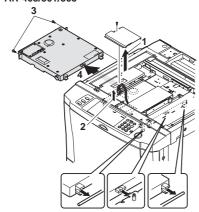
F. Laser unit

* Never let the laser beam directly come into your eyes, or you may go blind.

AR-250/280/281/285/335/336



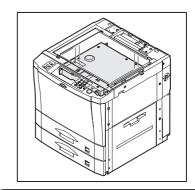
AR-405/501/505

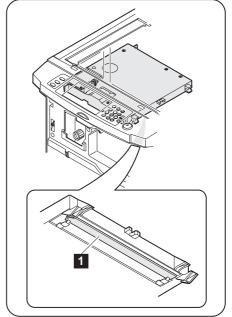


- * When installing the laser unit, check that the three points a, b, and c are securely in positions. If not, printing errors may occur.
- * Do not open the LSU cover (top plate).

ſ							
	No.	Name	Work item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
	1	Dust-proof glass	Clean	80 K	90 K	125K	

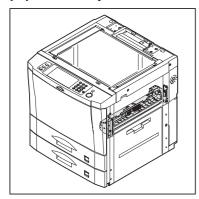
(1) Laser scanner unit

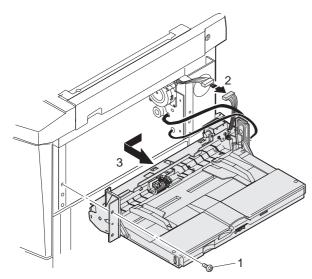




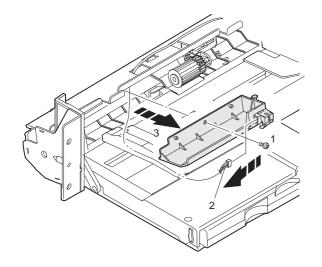


G. Manual paper feed tray unit

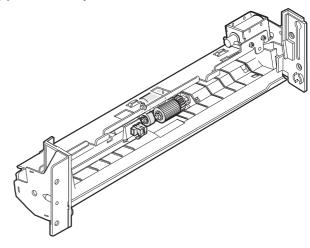


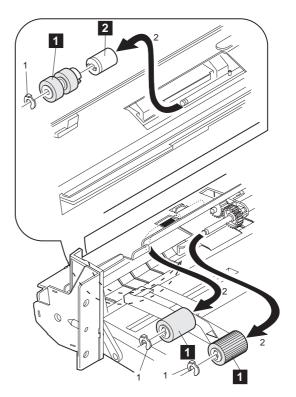


(1) Manual feed paper sensor



(2) Rollers/torque limiters



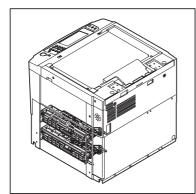


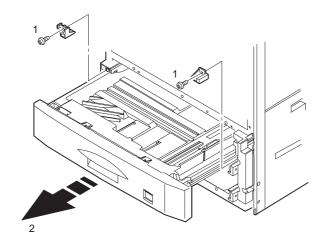
				Cycle		
No.	Name	Work item	AR-250/280/281/ 285/286/335/336 AR-405 AR-501/505		AR-501/505	Remark
1	Rollers	Clean	80 K	90 K	125K	
		Check	80 K	90 K	125K	
		Replace	40 K or 2 years	40 K or 2 years	40K or 2 years	Reference: manual paper feed port counter
2	Torque limiter	Check	80 K	90 K	125K	
		Replace	120 K or 2 years	120 K or 2 years	120K or 2 years	Reference: manual paper feed port counter



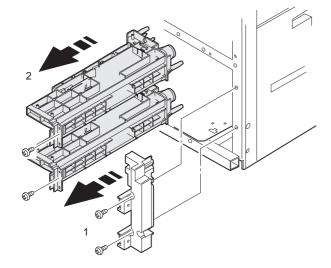
H. 500 tray paper unit

(1) Tray unit

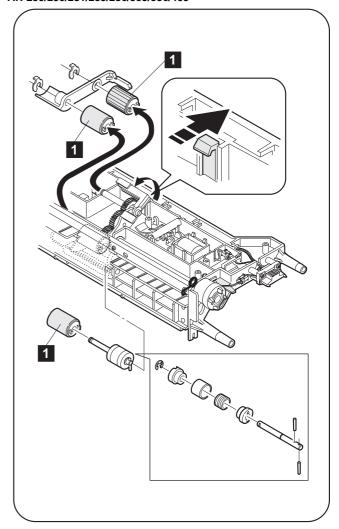




(2) Tray paper feed unit

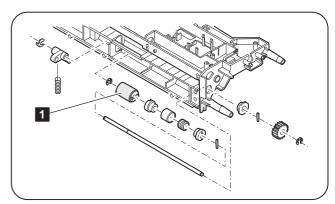


AR-250/280/281/285/286/335/336/405



AR-501/505

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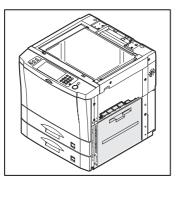
8/6/1999

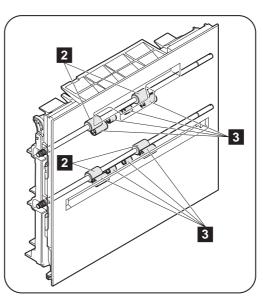


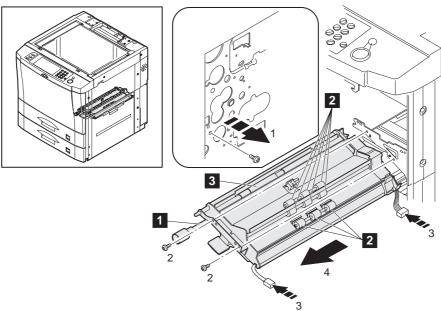
		Work		Cycle		
No.	No. Name		AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Rollers	Clean	80 K	90 K	125K	
		Check	80 K	90 K	125K	
		Replace	80 K or 2 years	80 K or 2 years	80K or 2 years	Reference: paper fed port counter

I. Paper transport section

(1) Paper transport section

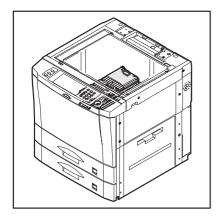


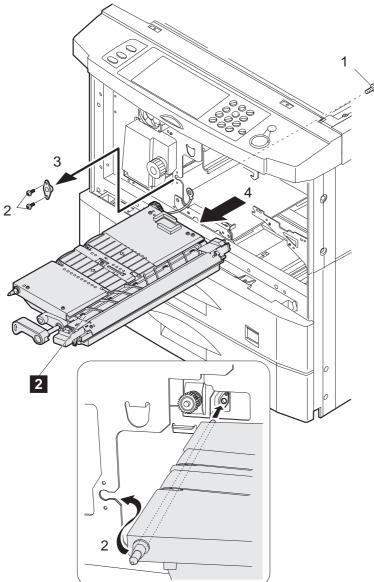


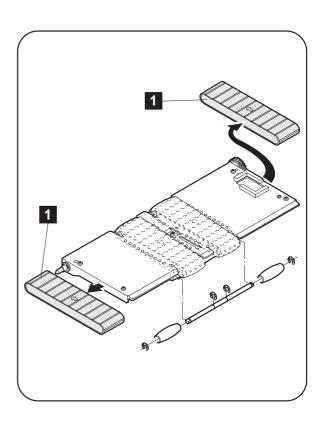


		Work		Cycle		
No.	Name	item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Resist roller	Clean	80 K	90 K	125 K	
2	Transport rollers	Clean	80 K	90 K	125 K	
3	Rollers	Clean	80 K	90 K	125 K	

J. Suction unit





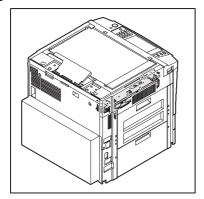


- * When assembling, be sure to connect the earth line.
- * When installing the belt, install so that the arrow mark on the belt faces in the paper feed direction.

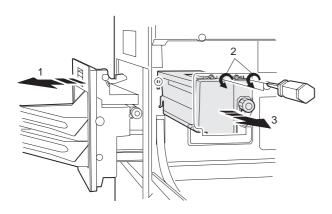
	No. Name	Work		Cycle		
No.		item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Suction belt	Clean	80 K	90 K	125K	
2	Separation lamp	Check	_	1	125K	



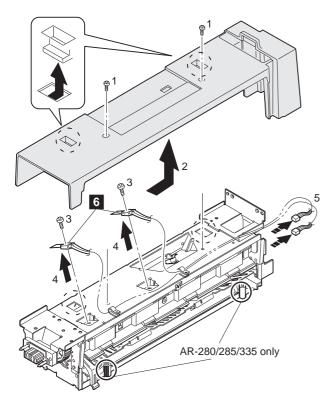
K. Fusing unit



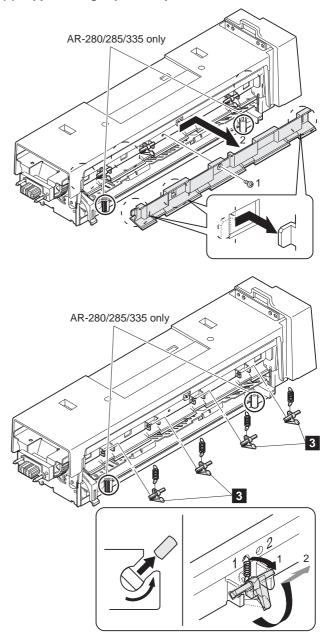
* The fusing unit is heated to a very high temperature. When handling it, be careful of burning.



(1) Thermistor

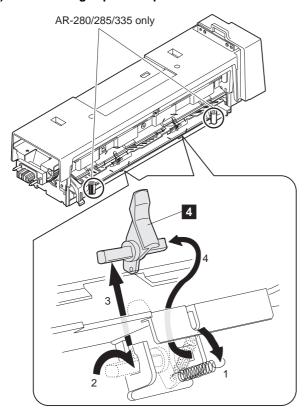


(2) Upper fusing separation pawl

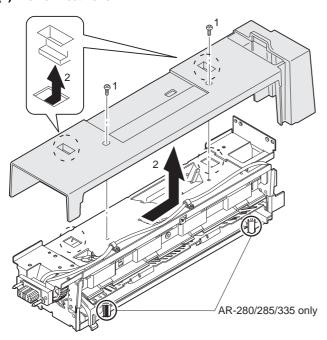


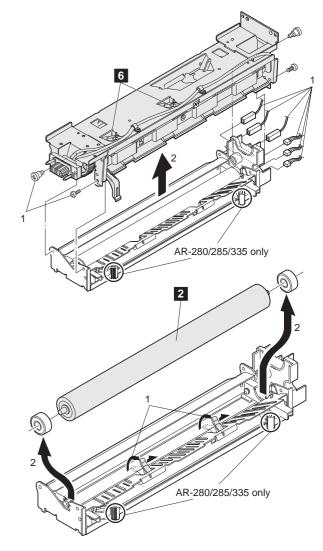
* Put the spring on the side of "1".

(3) Lower fusing separation pawl



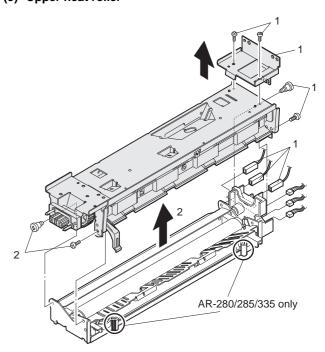
(4) Lower heat roller





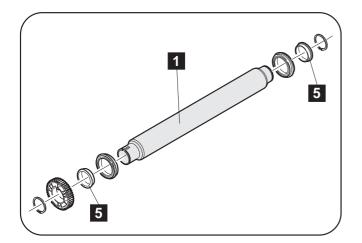
(5) Upper heat roller

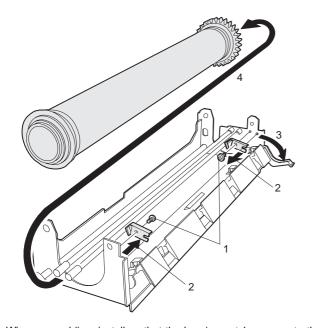
8 - 21

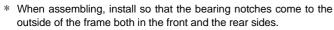


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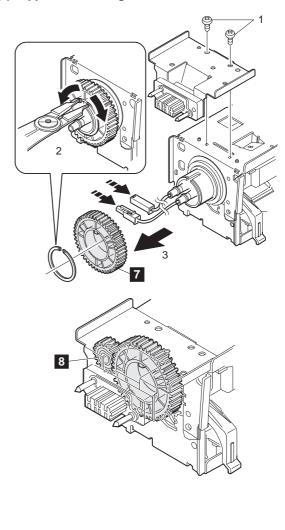








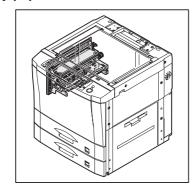
(6) Upper heat roller gear

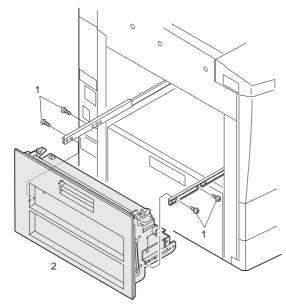


		Work		Cycle		
No.	Name	item	AR-250/280/281/ 285/286/335/336	AR-405	AR-501/505	Remark
1	Upper heat roller	Clean	80 K	90 K	125K	
		Replace	160 K	180 K	250K	
2	Lower heat roller	Clean	80 K	90 K	125K	
		Replace	160 K	180 K	250K	
3	Upper separation pawl	Replace	80 K	90 K	125K	
4	Lower separation pawl	Replace	80 K	90 K	125K	
5	Insulation bush	Check	80 K	90 K	125K	
6	Thermistor	Check	80 K	90 K	_	
		Clean	_	_	125K	
7	Upper heat roller gear	Lubricate	80 K	90 K	125K	
		Replace	160 K	180 K	250K	
8	Gears	Lubricate	80K	90 K	125K	

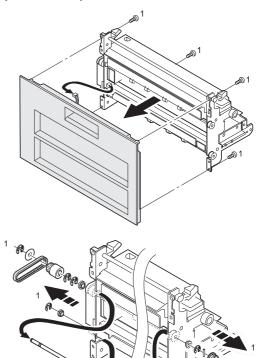
When assembling the upper frame and the lower frame, press the upper frame securely to the lower frame and fix with the screw. If the frames are fixed loosely, defective fusing and paper wrinkles may occur.

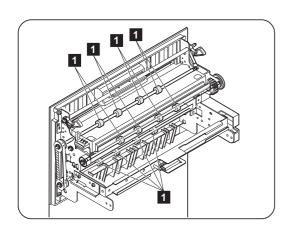
L. Two-tray paper exit unit

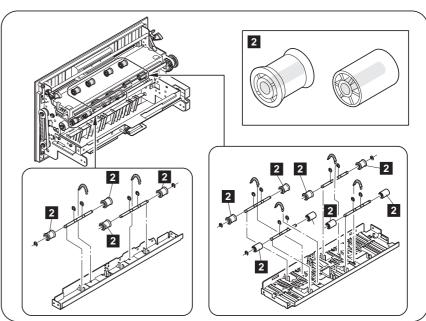




(1) Paper exit/transport roller



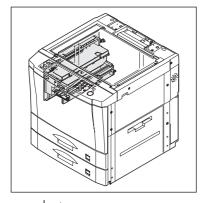


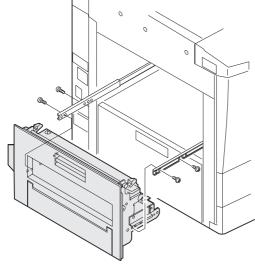


No.	Name Work item		Cycle	Remark
1	Transport rollers	Clean	80 K	
2	Paper exit follower roller (inner surface)	Lubricate	80 K	

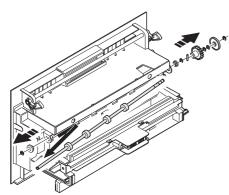


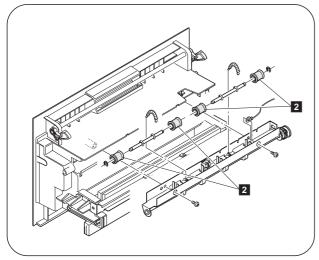
M. One-tray paper unit



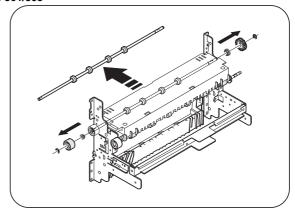


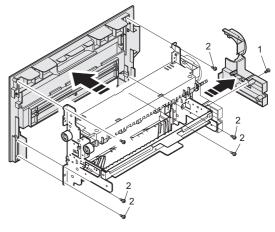
(1) Paper exit roller



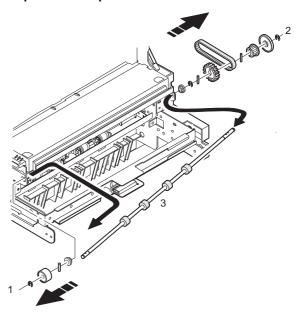


AR-501/505

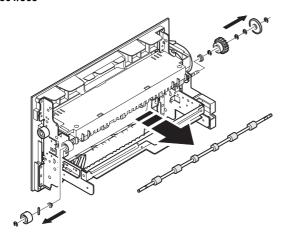




(2) Paper exit/transport roller



AR-501/505

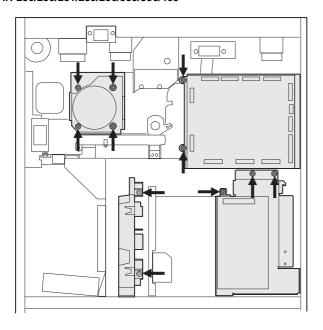


No.	Name	Work item		Remark		
INO.	ivaine	Work item	AR-280/285/335	AR-405	AR-501/505	Kemark
1	Transport rollers	Clean	80 K	90 K	125K	
2	Paper exit follower roller (inner surface)	Lubricate	80 K	90 K	_	
	Paper exit follower roller (inside)	Lubricate	_	_	125K	
3	Curl correction roller	Check	_		125K	
		Change	_	_	250K	
4	Transport paper guides	Clean	_	_	125K	

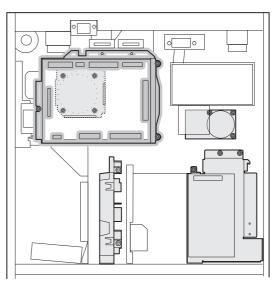
N. PCU/AC power/High voltage power/Main motor

* Do not turn the flywheel manually. Otherwise, the gear may be broken.

(1) PCU/AC power/High voltage power/Main motor AR-250/280/281/285/286/335/336/405



AR-501/505



* The PCU, AC power, the high voltage power, and the main motor can be removed by removing the screw shown with arrows.

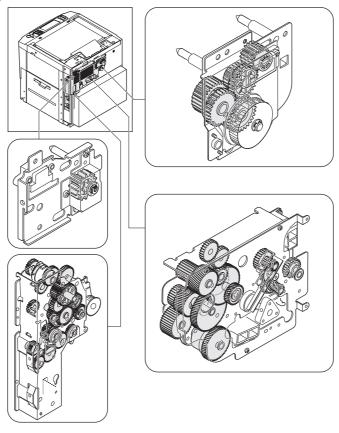
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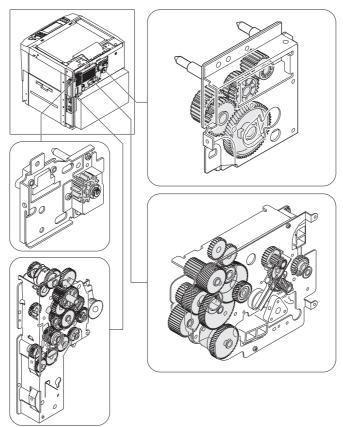


O. Major drive unit

AR-250/280/281/285/286/335/336/405



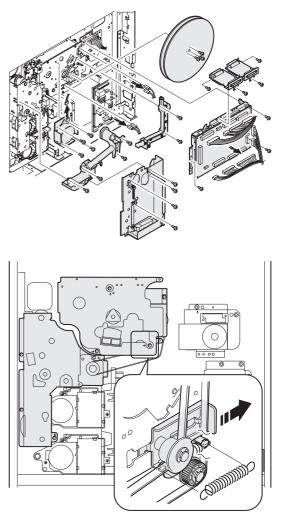
AR-501/505



				Cycle			
No.	Name	Work item	AR-250/280/281/	AD 405	AD E01/E0E	Remark	
			285/286/335/336 AR-405		AR-501/505		
	Gears	Lubricate	80 K	90 K	125K		
	Belts	Check	240 K	270 K	250K		

AR-250/280/281/285/286/335/336/405

AR-501/505



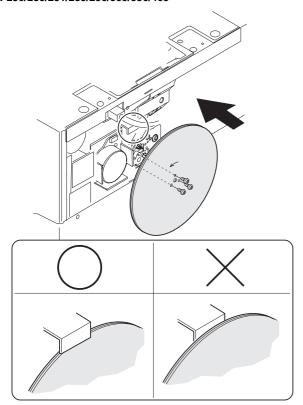
 $\ ^{*}$ Each drive unit can be removed by removing the screw shown with the arrow.

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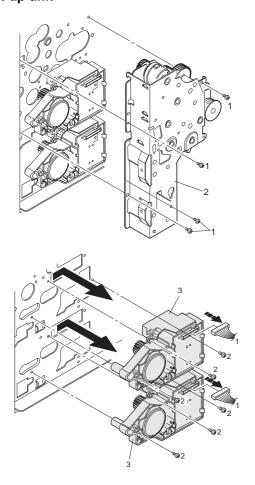


AR-250/280/281/285/286/335/336/405

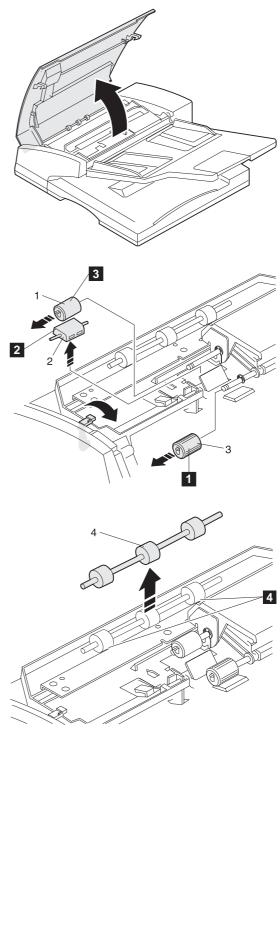


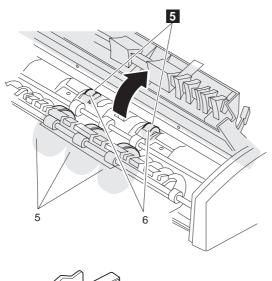
- * Note for assembly
 - Be sure to attach the flywheel to inside of the guide.
 - Attach so that the arrow faces the rotating direction.

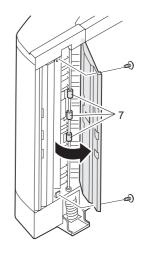
P. Lift-up unit

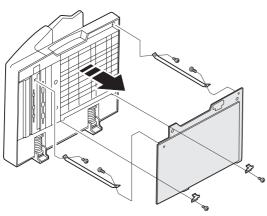


Q. RSPF









No.	Name	Work item	Cycle			Remark
INO.	Name		AR-335	AR-405	AR-501/505	Remark
1	Pickup roller	Check	_	_	125 K	
2	Separation pad	Check	_	_	125 K	
3	Paper feed roller	Check	_	_	125 K	
4	Resist roller	Clean	_	_	125 K	
5	Paper exit roller	Clean	_	_	125 K	Wipe with alcohol for cleaning.
6	Transport roller	Clean	_	_	125 K	
7	Exposure section	Clean	_	_	125 K	
	Sensors	Clean	_		125 K	Blow air for cleaning.

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[9] TROUBLE CODE LIST

1. Trouble code

Trouble		Content of trouble	Remark	Trouble
CO	de		Roman	detection
C1	00	MC trouble		PCU
C2	00	TC trouble		PCU
E7	00	ICU communication trouble		ICU
	01	Image data memory trouble		ICU
	02	Laser trouble		ICU
	03	HDD trouble		ICU
	10	Shading trouble (Black correction)		ICU
	11	Shading trouble (White correction)		ICU
	13	CCD light quantity check error		ICU
	90	ICU communication trouble		PCU
F1		Finisher communication trouble		
FI	00			PCU
	01	Finisher 1 jogger shift trouble / Finisher		FIN
	00	2 alignment section abnormality		EIN
	02	Finisher transport motor abnormality		FIN
	03	Sorter guide bar oscillation motor		SOT
		trouble		
	04	Finisher 1 elevator lower limit detection /		FIN
		Finisher 2 stack tray lower limit detection		
	05	Finisher 1 elevator home / Finisher 2		FIN
		stack tray sensor abnormality		
	06	Finisher shift motor abnormality		FIN
	08	Finisher staple shift motor trouble		FIN
	10	Finisher staple unit operation trouble		FIN
	11	Finisher 1 pusher motor trouble /		FIN
		Finisher 2 boomerang rotation		
		abnormality		
	14	Finisher 2 stack tray abnormality		FIN
	15	Finisher 1 elevator motor trouble /		FIN
		Finisher 2 stack tray motor lock		
	16	Staple sorter holding moter trouble		SOT
	17	ST paper exit roller pressure release		FIN
		trouble		
	18	Tray 3 paper exit paddler operation		FIN
		trouble		
	50	Non-suport trouble in automatic		PCU
		detection of option connection (Sorter,		
		finisher)		
	80	Finisher power not supplied		FIN
F2	00	Toner control sensor open		PCU
. –	02	Toner motor connector unconnected		PCU
	31	Process control trouble (OPC drum		PCU
	31	surface reflection rate abnormality)		FC0
	32	Process control trouble (Drum marking		PCU
	32	scanning trouble)		FC0
	27			DCLI
	37	Drum marking sensor gain adjustment error		PCU
	20			DCII
Ε0	39	Process thermistor breakdown		PCU
F3	12	Copier top stage CS lift up trouble		PCU
L	22	Copier bottom stage CS lift up trouble		PCU
F9	00	Printer communication trouble		ICU
	01	PRT DRAM trouble		PRT
	02	PRT Centroport check error		PRT
	03	Network card trouble		
	04	Printer program error	-	
	10	PRT SCSI LSI abnormality		ICU
	90	Printer communication trouble		PRT
H2	00	Thermistor open (HL1)		PCU
	01	Thermistor open (HL2)		PCU
НЗ	00	Heat roller high temperature detection		PCU
пэ	00			PCU
	04	(HL1)		DCII
	01	Heat roller high temperature detection		PCU
114	00	(HL2)		DCII
H4	00	Heat roller low temperature detection		PCU
	01	(HL1)		DOLL
	01	Heat roller low temperature detection		PCU
		(HL2)		1

Trou	uble	0		Trouble
code		Content of trouble	Remark	detection
H5	01	3 continuous POD1 not-reaching JAM detection		PCU
	02	Fusing thermistor abnormality		PCU
L1	00	Scanner feed trouble		PCU
L3	00	Scanner return trouble		PCU
L4	01	Main motor lock detection		PCU
L6	10	Polygon motor lock detection		ICU
L8	01	No full-wave signal		PCU
	02	Full-wave signal width abnormality		PCU
U2	00	EEPROM read/write error		ICU
	11	Counter check sum error (EEPROM)		ICU
	12	Adjustment value check sum error (EEPROM)		ICU
U4	02	ADU alignment plate operation abnormality		PCU
	03	ADU rear edge plate operation abnormality		PCU
U5	00	RADF/SPF/RSPF communication trouble		PCU
	01	RADF resist sensor trouble		RADF
	02	RADF eject/inversion sensor trouble		RADF
	03	RADF timing sensor trouble		RADF
	06	RSPF post-separation sensor trouble		RSPF
	07	RSPF read sensor trouble		RSPF
	08	RSPF SB sensor trouble		RSPF
	11	RADF paper feed motor operation		RADF
		abnormality		
	16	RSPF fan motor operation abnormality		RSPF
U6	00	Desk communication trouble		PCU
	01	Desk 1 CS lift up trouble		Desk
	02	Desk 2 CS lift up trouble		Desk
	03	Desk 3 CS lift up trouble		Desk
	80	Desk 24V power abnormality		Desk
	09	LCC lift motor trouble		LCC
	10	Desk transport motor trouble		Desk
	20	LCC communication trouble		PCU
	21	LCC transport motor trouble		LCC
	22	LCC 24V power abnormality		LCC
	50	Non-suport trouble in automatic detection of option connection (Desk unit)		PCU
	51	Non-suport trouble in automatic detection of option connection (LCC unit)		PCU
U7	00	RIC communication trouble		PCU
U9	00	Operation control communication trouble		ICU
	90	Operation control communication trouble		OPE
EE	EL	Auto developing adjustment trouble (Overtoner)	In SIM only	PCU
	EU	Auto developing adjustment trouble (Undertoner)	In SIM only	PCU
FC	00	ASK/IrDA modulation LSI reset error		
	01	ASK/IrDA switch error		1011
PC		Personal counter not installed		ICU
PF		RIC copy inhibit command reception		ICU
		Auditor not ready		ICU

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2. Self diagnostics

Trou	ble code		
Main	Sub]	Description
code	code		
C1	00		MC trouble
		Detail	Main charger output error (output
			released)
			Trouble signal from high-voltage
		Course	transformer
		Cause	Main charger improperly installed Main charger improperly assembled
			High-voltage transformer connector
			removed
			High-voltage harness removed or wire
			broken
		Check	Check main charger output with SIM8-2.
		and	Check main charger connector for
		remedy	disconnection.
			Replace high-voltage unit.
C2	00	Content	
		Detail	Transfer charger output error (output
			short-circuiting)
			Trouble signal from high-voltage transformer
		Course	
		Cause	Transfer charger contaminated with foreign matter
			Transfer charger wire broken
			High-voltage transformer connector
			disconnected
		Check	Check transfer charger output with
		and	SIM8-6.
		remedy	Replace high-voltage unit.
E7	00	Content	ICU communication trouble (ICU
			detection)
		Detail	Communication setup error,
		0	framing/parity/protocol error
		Cause	Slave unit PWB connector improper connection
			Slave unit PWB – ICU PWB harness
			trouble
			Connector pin breakage of the motor
			PWB of the slave unit PWB
			Slave unit ROM trouble. no ROM, ROM
			reverse insertion, ROM pin breakage
		Check	Connect the connector of the slave unit
		and	PWB and the ICU PWB.
		remedy	Check the connection and the harness.
			Check the grounding of the copier. Check the ROM of the slave unit PWB.
	01	Content	Image data memory trouble
	01	Detail	The ICU image data memory (SIMM) is
		20.011	detected only as 8MB or less.
			The SIMM capacity is insufficient for the
			model.
		Cause	The ICU PWB SIMM is not installed.
			The ICU PWB SIMM does not work
			properly.
			The ICU PWB SIMM is not installed
			properly.
		Check	ICU PWB abnormality Check installation of the ICU PWB SIMM.
		and	Check the SIMM capacity with SIM
		remedy	22-10.
			Replace the ICU PWB SIMM.

Trou	ble code		
Main	Sub		Description
code	code		
E7	02		Laser trouble
		Detail	BD signal from LSU kept at OFF or ON
		Cause	Connector to LSU or harness inside LSU
			disconnected or wire broken
			Polygon motor improperly rotating
			Laser home position sensor improperly
			positioned inside LSU
			Laser power supply line does not have proper voltage
			Laser LED improperly lighting
			ICU PWB error
		Check	Check LSU connector for disconnection.
		and	Check LSU operation with SIM61-1.
		remedy	Check polygon motor for rotation.
		,	Check laser LED for lighting.
			Replace LSU unit.
			Replace ICU PWB.
	03	Content	
		Detail	HDD is not recognized in the model with HDD installed.
		Cause	The HDD is not installed to the ICU PWB.
		Oausc	The HDD does not work properly in the
			ICU PWB.
			The HDD is not installed to the ICU PWB
			properly.
			ICU PWB abnormality
		Check	Check installation of the HDD to the ICU
		and	PWB.
		remedy	Check connection of the HDD harness to the ICU.
			Replace the HDD.
			Replace the ICU PWB.
	10	Content	Shading trouble (black correction)
		Detail	Improper CCD black reading level for
			copy lamp going out
		Cause	Improper installation of flat cable to CCD
			unit
			CCD unit error
		Check	ICU PWB error Check flat cable to CCD unit for
		and	installation.
		remedy	Check CCD unit.
			Check ICU PWB.
	11	Content	
		Detail	Improper CCD white reference plate
			reading level for copy lamp lighting
		Cause	Improper installation of flat cable to CCD
			unit
			Mirror, lens or reference white plate
			contaminated
			Copy lamp operation error Improperly installed CCD unit
			CCD unit error
			ICD PWB error
		Check	Clean mirror, lens, or reference white
		and	plate.
		remedy	Check copy lamp for light amount
			(SIM5-3) and lighting.
			Check CCD unit.
			Check ICU PWB.

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Trou	ble code			
Main	Sub	1	Description	
code	code	· ·		
E7	13		CCD light quantity check error	
		Detail	Copy lamp light amount adjustment in	
		0	shading cannot be made	
		Cause	Copy lamp does not light (broken wire, improper installation)	
			Improper installation of flat cable to CCD	
			unit	
			Improper connection of copy lamp CL	
			lead wire	
			Mirror, lens, or reference white plate Dirt or dew	
			Improper output of copy lamp power	
			supply	
			Improper installation of CCD unit	
			CCD unit error	
		Check	ICU PWB error Clean mirror, lens, reference white plate.	
		and	Check copy lamp for light amount	
		remedy	(SIM5-3) and lighting.	
			Check CCD unit.	
	00	Contont	Check ICU PWB.	
	90	Content	ICU communication trouble (PCU detection)	
		Detail	Communication setup	
			error/framing/parity/protocol error	
		Cause	Slave unit PWB connector improper	
			connection	
			Slave unit PWB – ICU PWB harness trouble	
			Slave unit PWB mother board connector	
			pin breakage	
		Check	Check the slave unit PWB and the ICU	
		and .	PWB connector connection.	
F1	00	remedy	Check the copier earth. Finisher communication trouble	
' '	00	Detail	Communication line test error occurs	
			when power is turned on or after the exit	
			of a simulation mode.	
		0	Improper communication with sorter	
		Cause	Improper connection or broken wire of connector or harness between copier and	
			sorter	
			Finisher control PWB defective	
			Control PWB (PCU) defective	
		Chast	Malfunction due to noise	
		Check and	Clear by turning the power supply OFF/ON.	
		remedy	Check communication line connector and	
			harness.	
			Replace Finisher control PWB or PCU	
	01	Contant	PWB.	
	UΙ	Content	Finisher1 jogger shift trouble / Finisher 2 alignment section abnormality	
		Detail	Jogger shift trouble / Alignment plate shift	
			trouble	
		Cause	Motor lock	
			Motor rpm abnormality Motor overcurrent	
			Finisher control PWB trouble	
		Check	Check the jogger motor operation with	
		and	SIM 3-3.	
		remedy		

Trou	ble code		
Main	Sub		Description
code	code		
F1	02		Finisher transport motor abnormality
		Detail Cause	Transport motor drive trouble Motor lock
		Check	Check transport motor operation with
		and	SIM3-3.
		remedy	
	03	Content	ŭ
		Detail	Sorter guide bar oscillation motor drive
		Cause	abnormality Motor lock.
		Cause	Motor rotation abnormality.
			Overcurrent to motor
			Sorter control PWB abnormality
		Check	Check the guide bar motor operation with
		and	SIM3-3.
	04	Content	Finisher 1 elevator lower limit detection/
	04	Content	Finisher 2 stack tray lower limit detection
		Detail	When the bin is shifted, the upper limit or
			the lower limit sensor is detected. / The
			elevator exceeds the lower limit.
		Cause	Sensor defective Sorter/finisher control PWB abnormality
		Check	Check sensor with SIM3-2.
		and	
		remedy	
	05	Content	Finisher 1 elevator home / Finisher 2
		Detail	stack tray sensor abnormality The elevator does not detect the home
		Detail	position. / Stack tray sensors are turned
			on in the abnormal combination.
		Cause	Sensor defective
		Check	Sorter/finisher control PWB abnormality Check sensor with SIM3-2.
		and	Check sensor with Shvis-2.
		remedy	
	06	Content	Finisher shift motor abnormality
		Detail	1) Bin shift is not completed within 2.5
		Cause	seconds after bin shift request Motor lock
		Cause	Improper motor speed
			Overcurrent to motor
			Finisher control PWB defective
		Check	Check bin shift motor operation with
		and remedy	SIM3-4.
	08	-	Finisher staple shift motor trouble
		Detail	Staple motor drive trouble
		Cause	Motor lock
			Motor rpm abnormality Overcurrent to motor
			Finisher control PWB trouble
		Check	Check the operation of the staple motor
		and	with SIM 3-3.
	40	remedy	Paraban stanta in the stanta i
	10		Finisher staple unit operation trouble
		Detail Cause	Staple operation trouble Motor lock
		Jause	Motor rpm abnormality
			Motor overcurrent
			Finisher control PWB trouble
		Check	Check the staple motor operation with SIM 3-3.
		and remedy	SIIVI 3-3.
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Trou	ble code Sub	-	Description
code			Description
F1	code 11	Content	Finisher 1 pusher motor trouble / Finisher 2 boomerang rotation abnormality
		Detail	Pusher motor trouble / Paddle solenoid
		Cause	abnormality Motor lock / paddle solenoid operation
		Cause	abnormality / boomerang rotation sensor
			abnormality
			Motor rpm abnormality
			Motor overcurrent
		Check	Finisher control PWB abnormality
		and	Check the finisher motor operation, the paddle solenoid operation with SIM 3-3
		remedy	or check the boomerang rotation sensor with SIM 3-2.
	14	Content	Finisher 2 stack tray abnormality
		Detail	Stack tray control sensor abnormality
		Cause	The paper surface sensor and the full stack
			sensor do not turn on even when a certain
		Chast	time is passed after starting the tray.
		Check and	Check the sensor operation with SIM 3-2.
		remedy	
	15	Content	Finisher 1 elevator motor trouble /
			Finisher 2 stack tray motor lock
		Detail	Elevator motor trouble
		Cause	Motor lock Motor rpm abnormality
			Motor overcurrent
			Finisher control PWB trouble
		Check	Check the elevator motor operation with
		and remedy	SIM 3-3.
	16	Content	1 0
		Detail	During rotation of the holding motor, the rotation pulse is not detected for 0.05sec
			or more.
		Cause	Motor lock.
			Motor rotation abnormality.
			Overcurrent to motor Sorter control PWB abnormality
		Check	Check the holding motor operation with
		and	SIM3-3.
		remedy	
	17	Content	
		Detail	ST paper exit roller pressure release trouble when turning on the power/initializing
		Cause	ST paper exit roller pressure release
		2 3.000	clutch abnormality
			ST paper exit roller pressure release
		Charl	clutch HP sensor abnormality
		Check and	Stop the transport motor in SIM 3-3, turn on the STORCL to check that the
		remedy	pressure release roller operates.
			Check the STORHP sensor with SIM 3-2.
	18	Content	Tray 3 paper exit paddler operation trouble
		Detail	Tray 3 paper exit paddler operation trouble when turning on the
			power/initializing
		Cause	Tray 3 paper exit paddler solenoid
			abnormality
			Tray 3 paper exit paddler HP sensor abnormality
			Finisher control PWB trouble
		Check	Operate the transport motor with SIM 3-3
		and	and turn on T3PDSL to check that tray 3
		remedy	paddler operates. Check T3PDHP sensor with SIM 3-2.
		1	CHECK ISEDITE SELISOL WILL SIM 3-2.

Trou	ble code			
Main	Sub	-	Description	
code	code	, '		
F1	50	Content	Non-support trouble in automatic detection of option connection (Sorter, finisher)	
		Detail	In automatic detection of option	
			connection, a non-support finisher or a sorter is detected.	
		Cause	A non-support finisher or a sorter is connected to the copier.	
		Check and remedy	Check the finisher or the sorter.	
	80	,	Finisher power not supplied	
		Detail	24V power is not supplied to the finisher PWB.	
		Cause	Connector harness improper connection or disconnection	
			Finisher control PWB trouble Power unit trouble	
		Check and	Check the sensor operation with SIM 3-2.	
F2	00	remedy	Toner control sensor open	
172	00	Detail	Toner control sensor output open	
		Cause	Connector harness trouble	
		2.300	Connector unconnected.	
		Check	Check connection of the toner control	
		and	sensor.	
		remedy	Check connection of the connector	
			harness with the main PWB.	
	00	Contact	Check for disconnection of the harness.	
	02	Detail	Toner motor connector unconnected Connection detection signal with toner	
		Detail	motor is OFF	
		Cause	Connector harness defective Connector disconnected	
		Check	Check toner motor connector for	
		and	connection.	
		remedy	Check connector harness to main PWB for connection.	
	0.1	0	Check harness for broken wire.	
	31	Content	Process control trouble (OPC drum surface reflection rate abnormality) Usually the sensor gain is adjusted so	
			that the output is a certain value, by reading the drum base surface with the image density sensor before starting	
			process control. However, a certain output is not obtained	
		0	by adjusting the sensor gain.	
		Cause Check and	Image density sensor defective Check process control sensor output with SIM44-2. (Do not adjust)	
		remedy	If the result is far different from the specified value, it suggests the sensor is	
			defective. Check the sensor and harness. If the deviation is relatively small, check	
			the sensor and drum surface for	
			contamination.	

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Trou	bla aada		
Main	ble code Sub		Description
code	code		Description
F2	32	Content	Process control trouble (Drum marking
12	02	Jointon	scanning trouble)
		Detail	Usually the sensor gain is adjusted so
			that the output is a certain value, by
			reading the drum base surface with the
			drum marking sensor before starting
			process control.
			However, a certain output is not obtained
			by adjusting the sensor gain.
		Cause	Drum marking sensor defective
			Improper connection of harness between
			PCU PWB and drum marking sensor
			Drum marking sensor contaminated OPC drum cleaning improper
			Charging voltage improper
		Check	Check process control output with
		and	SIM44-02. (Do not adjust.)
		remedy	If the result is far different from the
		,	specified value, it suggests the sensor is
			defective. Check the sensor and harness.
			If the deviation is relatively small, check
			the sensor and drum surface for
			contamination.
	37	Content	3 3 3
			error
		Detail	When the drum marking area surface is
			scanned with the drum marking sensor
			before starting process control and the sensor gain is adjusted until a constant
			output is provided, the output is not
			constant though the sensor gain is
			changed.
		Cause	Drum marking sensor trouble
			Improper connection between PCU PWB
			and drum marking sensor
			Drum marking sensor is dirty
			OPC drum cleaning trouble
		Check	Perform the gain adjustment of process
		and	control sensor with SIM 44-2.
		remedy	If ERROR is displayed, it may be a
			breakdown. Check the sensor and the harness.
			When the adjustment is completed,
			check the drum surface conditions.
	39	Content	Process thermistor breakdown
		Detail	The process thermistor is open.
		Cause	Process thermistor abnormality
			Improper connection of the process
			thermistor bar
			PCU PWB abnormality
		Check	Check connection of the process
		and	thermistor harness and connector.
F0	40	remedy	
F3	12	Content	Copier top stage CS lift up trouble UPED does not turn on within the
		Detail	specified time.
			ULUD does not turn on within the
			specified time.
		Cause	UPED or ULUD defective
		23400	Upper cassette lift-up motor defective
			Improper connection of harness between
			PCU PWB, lift-up unit, and paper feed
			unit.
		Check	Check UPED, ULUD and their harness
		and	and connector.
		remedy	Check lift-up unit.

Trou	ble code			
Main	Sub	1	Description	
code	code			
F3	22	Content	Copier bottom stage CS lift up trouble	
		Detail	LPED does not turn on within the	
			specified time.	
			LLUD does not turn on within the	
			specified time.	
		Cause	LPED or LLUD defective	
			Lower cassette lift-up motor defective	
			Improper connection of harness between	
			PCU PWB, lift-up unit, and paper feed unit.	
		Check	Check LPED, LLUD, their harnesses and	
		and	connectors.	
		remedy	Check lift-up unit.	
F9	00		Printer communication trouble (ICU	
		Comon	detection)	
		Detail	Communication setup error,	
			framing/parity/protocol error	
		Cause	Slave unit PWB connector improper	
			connection	
			Slave unit PWB – ICU PWB harness	
			trouble	
			Connector pin breakage of the motor	
			PWB of the slave unit PWB Slave unit ROM trouble, no ROM, ROM	
			reverse insertion, ROM pin breakage	
		Check	Connect the connector of the slave unit	
		and	PWB and the ICU PWB.	
		remedy	Check the connection and the harness.	
		,	Check the grounding of the copier.	
			Check the ROM of the slave unit PWB.	
	01	Content		
		Detail	Option printer PWB DRAM trouble	
			(Check when turning on the power.)	
		Cause	DRAM module is broken and access cannot be made.	
			DRAM module improper installation	
		Check	Check with SIM 67-1.	
		and	onesk with sim or 1.	
		remedy		
	03		Network card trouble.	
		Detail	Network card self test trouble.	
		Cause	Network card defecft.	
			Printer PWB defect.	
			Network card connector connection	
			defect.	
		Check	Check the Network card connector.	
		and	Replace the Printer PWB.	
	04	remedy Content	Replace the Network card. Printer program error.	
	U -1	Detail	Program data trouble in the option printer	
		Dotaii	board.	
		Cause	Flash memory data is destroied.	
		Check	Replace or rewrite the Flash memory.	
		and	Replace the printer PWB.	
		remedy		
	10	Content	•	
		Detail	An error occurred in SCSI	
			communication with the option printer	
		0-	board.	
		Cause	SCSI LSI abnormality	
			ISU PWB abnormality	
		Check	SCSI connector improper connection Replace the printer PWB.	
		and	Check the SCSI connector.	
		remedy	Replace the ISU PWB.	
			.,	

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Trou	hla aada		
Main	ble code Sub		Description
code	code		Description
F9		Contont	Drinter communication trouble (DDT
F9	90	Content	Printer communication trouble (PRT detection)
		Detail	Communication setup
			error/framing/parity/protocol error
		Cause	Slave unit PWB connector improper
			connection
			Slave unit PWB – ICU PWB harness
			trouble
			Slave unit PWB mother board connector
			pin breakage
		Check	Check the slave unit PWB and the ICU
		and	PWB connector connection.
		remedy	
H2	00HL1	Content	
	01HL2		Fusing unit not installed
		Detail	Thermister is open (more than 4.6-V
			input voltage is detected).
			Fusing unit not installed
		Cause	Thermister defective
			Control PWB defective
			Improper connection of fusing connector
			AC power supply defective Fusing unit not installed
		Check	Check harness and connector between
		and	thermister and control PWB.
		remedy	Clear the display of self-diagnostics with
		Torricay	SIM14.
НЗ	00HL1	Content	Heat roller high temperature detection
	01HL2	Detail	The fusing temperature is over 241.5°C
			(less than 1.3-V input voltage is
			detected.)
		Cause	Thermister defective
			Control PWB defective
			Improper connection of fusing unit
			connector
			AC power supply defective
		Check	Check heater lamp operation with
		and	SIM5-2.
		remedy	If lamp blinks properly:
			Check thermister and its harness.
			Check thermister input circuit of control
			PWB.
			If lamp lights and stays lit:
			Check lamp control circuits of AC PWB and control PWB.
			Clear the trouble with SIM14.

Trouble code				
Main	Sub	Description		
code	code	,		
H4	00HL1	Content	Heat roller low temperature detection	
	01HL2	Detail	The temperature does not reach the	
			preset value within the specified time (3	
			min. in usual modes; 5 min. in curl	
			correction mode.) after the power relay is	
			turned on.	
		Cause	Thermister defective	
			Heater lamp defective	
			Control PWB defective Thermostat defective	
			AC power supply defective	
			Interlock switch defective	
		Check	Check heater lamp for blinking with	
		and	SIM5-2.	
		remedy	If lamp blinks properly:	
			Check thermister and its harness.	
			Check thermister input circuit of control	
			PWB.	
			If lamp does not light:	
			Check heater lamp for broken wire and	
			thermostat for operation.	
			Check interlock switch. Check lamp control circuit of AC PWB	
			and control PWB.	
			Clear the trouble with SIM14.	
H5	01	Content		
110	01	Contont	detection	
		Detail	3 continuous POD1 not-reaching JAM	
			detection	
		Cause	Check that the fusing JAM is completely	
			cancelled. (Jam paper may be	
			remained.)	
			POD1 sensor trouble or improper	
			harness connection	
			Improper installation of the fusing	
		Check	harness. Check JAM paper in the fusing section.	
		and (Winding, etc.)		
		remedy	Check POD1 sensor harness. Check the	
			fusing unit installation.	
			Cancel the trouble with SIM 14.	
	02	Content		
		Detail	Fusing thermistor temperature transient	
			abnormality (Paper winding)	
		Cause	Paper winding to fusing roller	
			Fusing pawl abnormality	
		Oh a -l	Fusing unit installation abnormality	
		Check and	Check for jam (winding) paper in the fusing section.	
	_		Check for installation of the fusing unit.	
		remedy	Check the fusing pawl.	
			Cancel the trouble with SIM 14.	
L1	00	Content	Scanner feed trouble	
		Detail	Scanner feed is not finished within the	
			specified time. (timer is change by	
			magnification)	
		Cause	Mirror unit defective	
			Scanner wire disconnected	
		Check	Check scanning operation with SIM1-1.	
		and		
		remedy		

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Trouble code		Description	
Main Sub code code	Description		
L3 00	Content	Scanner return trouble	
	Detail	Scanner return is not finished within the	
	Botan	specified time. (timer is change by	
		magnification)	
	Cause	Mirror unit defective	
		Scanner wire disconnected	
	Check	Check scanning operation with SIM1-1.	
	and		
	remedy		
L4 01	Content		
	Detail	Motor lock signal is detected for 1.5	
	_	seconds during main motor rotation	
	Cause	Main motor defective	
		Improper connection of harness between	
		PCU PWB and main motor Control circuit defective	
	Check		
	and	Check main motor operation with SIM25-1.	
	remedy		
	Tomody	PCU PWB and main motor.	
L6 10	Content	Polygon motor lock detection	
	Detail	It was judged that there is no output of	
		polygon motor lock signal of LSU.	
		The lock signal was checked at about	
		10-second intervals after the polygon	
		motor started rotating. As result, it was	
		judged that the polygon motor failed to	
		operate normally.	
	Cause	Disconnected connecter to LSU or	
		detached harness inside LSU or broken wire.	
		Polygon motor defective	
	Check	Check polygon motor operation with	
	and	SIM61-1.	
	remedy	Check harness and connector for	
		connection. Replace LSU if needed.	
L8 01	Content	No full-wave signal	
	Detail	Full-wave signal is not detected.	
	Cause	PCU PWB trouble	
		Power unit trouble	
	Check	Check connection of the harness and the	
	and	connector.	
	remedy	Replace the PCU PWB.	
	0	Replace the power unit.	
02	Content	· ·	
	Detai	Full-wave signal frequency abnormality detected.	
		(The detected frequency: 69Hz or above	
		or 42.5Hz or below)	
	Cause	Check for disconnection or improper	
		connection of the connector of the PCU	
		PWB and the power PWB harness.	
		PCU PWB trouble	
		Power unit trouble	
	Check	Check connection of the harness and	
	and	connector.	
1	remedy	Replace the power unit.	

Trouble code				
Main	Sub	Description		
code U2	code 00	Contont	EEPROM read/write error	
02	00	Detail	EEPROM version error. Error in writing	
		Detail	into EEPROM.	
		Cause	EEPROM defective	
			Uninitialized EEPROM is installed	
			Defective EEPROM access circuit on PCU PWB	
		Check	Check EEPROM for proper set-up	
		and remedy	To prevent the erasure of counter data and adjustment values, write down the	
		remedy	counter data and adjustment values by	
			simulation. (If there is a printer option,	
			execute SIM23-1 and note counter	
			data/adjustment values.)	
			Clear U2 trouble with SIM16.	
	11	Content	Replace PCU PWB. Counter check sum error (EEPROM)	
	11	Detail	Checksum error in counter data area	
		Cause	EEPROM defective	
			Control circuit hung up due to noise	
			Defective EEPROM access circuit on	
			PCU PWB	
		Check and remedy	Check EEPROM for proper set-up To prevent the erasure of counter data and adjustment values, write down the counter data and adjustment values by simulation. (If there is a printer option, execute SIM23-1 and note counter data/adjustment values.) Clear U2 trouble with SIM16. Replace PCU PWB.	
U2	12	Content	Adjustment value check sum error (EEPROM)	
		Detail	Checksum error in adjustment value data	
		Cause	area EEPROM defective	
		Cause	Control circuit hung up due to noise.	
			Defective EEPROM access circuit on PCU PWB	
		Check	Check EEPROM for proper set-up	
		and .	To prevent the erasure of counter data	
		remedy	and adjustment values, write down the counter data and adjustment values by	
			simulation. (If there is a printer option,	
			execute SIM23-1 and note counter	
			data/adjustment values.)	
			Clear U2 trouble with SIM16.	
			Replace PCU PWB.	

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Traul	Trouble code		
1 rou Main		-	Description
code	Sub code		
U4	02	Content	ADU alignment plate operation abnormality
		Detail	The plate won't move from home position more than 1 second after sending the command to leave home position. Or the plate won't return to home position within 5 seconds after sending the command to return to home position.
		Cause	Home position sensor defective Alignment shift motor defective Improper connection of harness between PCU PWB, motor and sensor. Control PWB (PCU) defective Alignment plate driving belt or gear damaged or improperly adjusted
		Check	Check home position sensor detection
		and remedy	with SIM9-2. Check alignment plate operation with
			SIM9-4. Check connection between PCU, motor and sensor.
			Remove ADU and check gear and belt for damage.
	03	Content	ADU rear edge plate operation abnormality
		Detail	When the plate is not shifted from the home position for 1 sec or more or when returning to the home position is not detected for 5 sec or more.
		Cause	Home position sensor defect Rear edge plate shift motor defect Control PWB (PCU) defect
			Rear edge plate operation belt/gear damage or adjustment error
		Check and remedy	Check the home position sensor operation with SIM 9-21. Check the rear edge plate operation with SIM 9-31. Check between the PCU PWB, the motor, and the sensor. Remove the ADU and check the gear and the belt.
U5	00	Content Detail	RADF/SPF/RSPF communication trouble Communication line test error occurs when power is turned on or after the exit of a simulation mode.
		Cause	Improper communication with RADF Improper connection or broken wire of connector or harness RADF control PWB defective Control PWB (PCU) defective Malfunction due to noise
		Check and remedy	Check communication line connector and harness. Clear the trouble by turning power supply On/Off.
	01	Detail Cause	RADF resist sensor trouble RADF resist sensor detection trouble Sensor defective Improper connection of sensor harness inside RADF. RADF control PWB defective
		Check and remedy	Check resist sensor detection with SIM2-2. Check sensor harness inside RADF.

Trou	ble code			
Main	Sub	1	Description	
code	code		Boothpaterr	
U5	02	Content	RADF eject/inversion sensor trouble	
	02	Detail	RADF eject/inversion sensor detection	
			trouble	
		Cause	Defective sensor	
			Improper connection of sensor harness	
			inside RADF.	
			RADF control PWB defective	
		Check	Check eject/inversion sensor detection	
		and	with SIM2-2.	
		-	Check sensor harness inside RADF.	
	03		RADF timing sensor trouble	
		Detail	RADF timing sensor detection trouble	
		Cause	Defective sensor Improper connection of sensor harness	
			inside RADF	
			RADF control PWB defective	
		Check	Check timing sensor detection with	
		and	SIM2-2.	
		remedy	[]	
	06		RSPF post-separation sensor trouble	
		Detail	RSPF post-separation sensor detection	
			trouble (in auto adjustment).	
		Cause	Sensor trouble.	
			Bad connection of sensor harness in	
			RSPF.	
			RSPF control PWB trouble.	
		Erroneous detection by paper dust.		
		Check	Check detection of post-separation	
		and	sensor with SIM2-2. Check RSPF sensor harness.	
		remedy	Clean and remove paper dust.	
	07	Content	RSPF read sensor trouble	
	07	Detail	RSPF read sensor detection trouble (in	
		2010	auto adjustment)	
		Cause	Sensor trouble.	
			Bad connection of sensor harness in	
			RSPF.	
			RSPF control PWB trouble.	
			Erroneous detection by paper dust.	
		Check	Check detection of read sensor with	
		and	SIM2-2.	
		remedy	Check RSPF sensor harness.	
	08	Content	Clean and remove paper dust. RSPF SB sensor trouble	
	00	Detail	RSPF SB sensor detection trouble (in	
		Dotaii	auto adjustment)	
		Cause	Sensor trouble.	
			Bad connection of sensor harness in	
			RSPF.	
			RSPF control PWB trouble.	
			Erroneous detection by paper dust.	
		Check	Check detection of SB sensor with	
		and	SIM2-2.	
		remedy	Check RSPF sensor harness.	
	11	Content	Clean and remove paper dust. RADF paper feed motor operation	
	''	Content	abnormality	
		Detail	Paper feed motor driving error	
		Cause	Motor lock	
		24400	Improper motor speed	
			Overcurrent to motor	
			RADF control PWB defective	
		Check	Check paper feed motor operation with	
		and	SIM2-3,4.	
		remedy		

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Trouble code			
		-	Description
Main	Sub		Description
code	code	0	DODE for material and a second and the
U5	16	Content	,
		Detail	An abnormality is detected by the input of
			RSPF fan motor alarm signal.
		Cause	Motor lock.
			RSPF control PWB trouble.
			Bad connection of RSPF motor harness.
		Check	Check the fan motor operation with
		and	SIM2-2.
		remedy	
U6	00	Content	
		Detail	Failed communication with desk
			Communication line test error occurs
			when power is turned on or after the exit
			of a simulation mode.
		Cause	Improper connection or broken wire of
			connector or harness
			Desk control PWB defective
			Control PWB (PCU) defective
			Malfunction due to noise.
		Check	Clear the trouble by turning the power
		and remedy	supply On/Off. Check communication line connector and
		remedy	harness.
	01 – 03	Content	Desk 1, 2, 3 CS lift-up trouble
	01 00	Detail	Desk cassette lift-up trouble (1st - 3rd
		Dotaii	cassettes).
		Cause	Defective sensor
		Oddoc	RADF control PWB defective
			Broken gear
			Lift-up motor defective
		Check	Check lift-up sensor detection with
		and	SIM4-2.
		remedy	Check lift-up motor with SIM4-3.
	08	Content	-
	00	Detail	No supply of DC24V to desk
		Cause	Improper connection or broken wire of
		Ouuse	connector or harness
			Desk control PWB defective
			Power supply unit defective
		Check	Check power supply line connector and
		and	harness.
		remedy	Check 24-V voltage on power supply unit
		. S. II Guy	and desk control PWB.
	09	Content	LCC lift motor trouble
		Detail	LCC lift motor trouble
		Cause	Sensor trouble
		54400	LCC control PWB trouble
			Gear breakage
			Lift motor trouble
		Check	Check the sensor detection with SIM 4-2.
		and	Check the lift motor operation with SIM
		remedy	4-3.
	10	•	Desk transport motor trouble
	.0	Detail	Desk transport motor operation trouble
		Cause	Motor lock
		Jause	Improper motor speed
			Overcurrent to motor
			RADF control PWB defective
		Check	Check transport motor operation with
		and	SIM4-6.
		remedy	Olivi-T U.
L		remeuy	

Trou	ble code				
Main	Sub	Description			
code	code	·			
U6	20	Content	LCC communication trouble		
		Detail	LCC communication trouble		
			Error when power is turned on or in		
		0	communication line test after exiting SIM.		
		Cause	Connector harness improper connection or disconnection		
			LCC control PWB trouble		
			Control PWB (PCU) trouble		
			Malfunction by noise		
		Check	Canceled by turning on the power.		
		and	Check the connector and harness of the		
	04	remedy	communication line.		
	21	Detail	LCC transport motor trouble		
		Cause	LCC transport motor operation trouble Motor lock		
		Cause	Motor rpm abnormality		
			Motor overcurrent		
			LCC control PWB trouble		
		Check	Check the transport motor operation with		
		and	SIM 4-3.		
		remedy	10000		
	22	Detail	LCC 24V power abnormality DC24V not supplied to LCC		
		Cause	Connector harness improper connection		
		Cause	or disconnection		
			LCC control PWB trouble		
			Power unit trouble		
		Check	Check the connector and harness of		
		and	power line.		
		remedy	Check 24V power in the power unit and		
	50	Contont	the LCC control PWB. Non-support trouble in automatic		
	30	Content	detection of option connection (Desk unit)		
		Detail	In automatic detection of option		
			connection, a non-support desk unit is		
			detected.		
		Cause	A non-support desk unit is connected to		
			the copier.		
		Check	Check the desk unit.		
		and remedy			
	51	-	Non-support trouble in automatic		
	0.	Comon	detection of option connection (LCC unit)		
		Detail	In automatic detection of option		
			connection, a non-support LCC unit is		
		_	detected.		
		Cause	A non-support LCC unit is connected to		
		Check	the copier. Check the LCC unit.		
		and	Check the LCC unit.		
		remedy			
U7	00	Content	RIC communication trouble		
		Detail	Communication error with RIC		
			Error in communication line test after		
		0	turning on the power or exiting from SIM.		
		Cause	Improper connection or disconnection of connector and harness		
			RIC control PWB trouble		
			Control PWB (ICU) trouble		
			Malfunction caused by noises		
		Check	Turn off/on the power to cancel the		
		and	trouble.		
		remedy			

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	ble code	Description		
Main code	Sub code		Description	
U9	00	Contont	Operation control communication trouble	
U9	00	Content	Operation control communication trouble (ICU detection)	
		Detail	Communication setup error,	
		2014	framing/parity/protocol error	
		Cause	Slave unit PWB connector improper	
			connection	
			Slave unit PWB - ICU PWB harness	
			trouble	
			Connector pin breakage of the motor PWB of the slave unit PWB	
			Slave unit ROM trouble. no ROM, ROM	
			reverse insertion, ROM pin breakage	
		Check and	Connect the connector of the slave unit PWB and the ICU PWB.	
		remedy	Check the connection and the harness.	
			Check the grounding of the copier.	
			Check the ROM of the slave unit PWB.	
	90	Content	Operation control communication trouble	
			(OPE detection)	
		Detail	Communication setup	
		_	error/framing/parity/protocol error	
		Cause	Slave unit PWB connector improper	
			connection	
			Slave unit PWB – ICU PWB harness	
			trouble Slave unit PWB mother board connector	
			pin breakage	
		Check	Check the slave unit PWB and the ICU	
		and	PWB connector connection.	
		remedy	Check the copier earth.	
EE	EL	Content	Auto developing adjustment trouble	
			(overtoner)	
		Detail	A sample data is less than 0 when auto	
			developing adjustment is executed.	
		Cause	Toner density sensor defective	
			Charging voltage or developing voltage	
			improper.	
			Toner density improper	
			Developing unit defective	
		Charle	PCU PWB defective	
		Check and	Make auto developing adjustment with SIM25-2.	
		remedy	OIIVI20 2.	
	EU	Content	Auto developing adjustment trouble	
		2 30110	(undertoner)	
		Detail	A sample data is less than 99 when auto	
			developing adjustment is executed.	
		Cause	Toner density sensor defective	
			Charging voltage or developing voltage	
			improper	
			Toner density improper	
			Unit defective	
			PCU PWB defective	
		Check	Make auto developing adjustment with	
		and	SIM25-2.	
		remedy		

	Trouble code				
Main	Sub		Description		
code	code				
FC	00	Content ASK/IrDA modulation LSI reset error			
		Detail Though the RESET signal pulse is ser			
		to the ASK/IrDA modulation LSI, the			
		power signal is not turned ON.			
		Cause	ICU main PWB defect		
			ASK/IrDA modulation LSI/Clock		
			oscillator defect		
		Check	Perform the self diag with SIM 68-01.		
		and	Replace the ICU main PWB.		
		remedy			
	01	Content	ASK/IrDA switch error		
		Detail	Though the ASK/IrDA switch command is		
		sent to the ASK/IrDA modulation LSI, the			
			Al signal is not changed.		
		Cause	ICU main PWB defect		
			ASK/IrDA modulation LSI/Clock		
			oscillator defect		
		Check	Perform the self diag with SIM 68-01.		
		and	Replace the ICU main PWB.		
		remedy			
PF	00		RIC copy inhibition command reception		
		Detail	Copy inhibition command received from		
			RIC (host)		
		Cause	Judged by the host.		
		Check	Notice to the host		
		and			
		remedy			
		Content	Auditor not ready		

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[10] OPERATIONAL DESCRIPTION

Correcting operation in the image forming section (Process correction operation)

1. Outline and purpose

The operations of the image forming section are corrected in order to maintain stable and high-quality print even when changes occur in the temperature, humidity, consumable parts characteristics, engine conditions, or other environmental conditions.

The correction is performed by controlling various parameters related to the image forming section (process) operations.

With the above correction operations, stable print quality is always provided, reducing service calls and service time.

2. Image forming section correction operation (Process correction operation)

The following are items of the image forming section correction operations (process correction operations).

a. List

Image forming section correction operations (process correction operations) list

Item No.	Correction operations	Purpose, effect	Execution conditions, operating timing
1	Image density sensor sensitivity correction (Calibration) (Gain adjustment)	Allows the image density sensor to always detect the correct image patch density.	Before process correction operation
2	OPC drum marking sensor sensitivity correction	Allows the OPC drum marking sensor to always detect the OPC drum marking normally.	*1
3	Developing bias voltage correction	Prevents against density change and background copy.	*1
4	Laser beam power correction 1	Prevent against a decrease in print density due to OPC drum membrane decrease.	Specified rotating time of the OPC drum: AR-250/280/281/285/286/335/336: Every 20,000 sec AR-405: Every 16,600 AR-501/505: Every 15,000
	Laser beam power correction 2	Outputs the laser beam power corresponding to the main charger grid voltage (to maintain the constant voltage).	Immediately after correction of the main charger grid voltage (* 1)
5	Main charger grid voltage correction 1	Corrects a decrease in the charging voltage due to the OPC drum membrane decrease, maintains the correct density of print and prevent against background copy.	Specified rotating time of the OPC drum: AR-250/280/281/285/286/335/336: Every 20,000 sec AR-405: Every 16,600 AR-501/505: Every 15,000
	Main charger grid voltage correction 2	Maintains the relations between the developing bias voltage and the main charger grid voltage at constant (to prevent against background copy).	Immediately after correction of the developing bias voltage (* 1)
6	Toner concentration correction	Maintains the normal toner concentration to maintain the proper density of print and prevent against background copy.	When the developing bias voltage correction is performed for the voltage higher than the specified level is made immediately after the developing bias voltage correction. (* 1)

^{* 1} During warm-up after turning on the power.

During warm-up after cancelling SIM 7-1, 24-7, 25-2, 44-2.

After completion of printing when the accumulated print time reaches 30 min from the previous correction.

When the next print is made after the unit is idle for one hour.

3. Details

A. Operating conditions and timing of the image forming section correction operation (Process correction operation)

The image forming section correction operation (process correction operation) is performed under the following conditions and timing.

- 1) During warm-up after turning on the power.
- 2) During warm-up after cancelling SIM 7-1, 24-7, 25-2, 44-2.
- 3) After completion of printing when the accumulated print time reaches 30 min from the previous correction.
- 4) When the next print is made after the unit is idle for one hour.

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B. Details of operations

(1) OPC drum marking sensor sensitivity adjustment (Calibration) and marking detection

a. Outline and purpose

The sensor sensitivity is adjusted to allow correct detection of the OPC drum marking.

b. Details (Calibration)

The sensor LED drive voltage (current) is changed, and when the sensor output voltage reaches the specified level, the sensor LED drive current control value is stored. In actual operations, the sensor LED is driven by the voltage corresponding to the control value and detection is performed.

(2) Image density sensor sensitivity adjustment (Calibration)

a. Outline and purpose

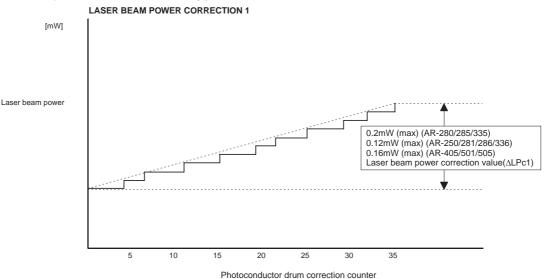
In the developing bias voltage correction, the image sensor sensitivity is adjusted to allow correct detection of the toner image patch density and normal operation of the developing bias voltage correction.

b. Details (Calibration)

The sensor LED drive voltage (current) is changed, and when the sensor output voltage reaches the specified level, the sensor LED drive current control value is stored. In actual operations, the sensor LED is driven by the voltage corresponding to the control value and detection is performed.

(3) Laser beam power correction 1

Deterioration of photo sensitivity due to deterioration of OPC drum is corrected by adjusting the laser beam power according to the OPC drum rotating time (operation time) to maintain the correct density print.



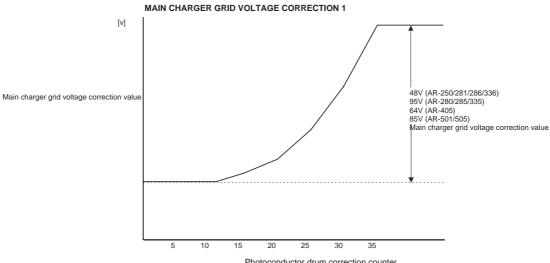
1 count: 20,000 sec (Photoconductor drum rotation time) (AR-250/280/281/285/286/335/336)

16,600 sec (Photoconductor drum rotation time) (AR-405)

15,000 sec (Photoconductor drum rotation time) (AR-501/505)

(4) Main charger grid voltage correction 1

The main charger grid voltage is increased according to deterioration of the OPC drum to maintain the proper density print and prevent against background copy.



Photoconductor drum correction counter

1 count: 20,000 sec (Photoconductor drum rotation time) (AR-250/280/281/285/286/335/336) 16,600 sec (Photoconductor drum rotation time) (AR-405)

15,000 sec (Photoconductor drum rotation time) (AR-501/505)

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(5) Developing bias voltage correction

a. Outline and purpose

Deterioration of developer due to changes in the environmental conditions.

To solve the above problem, the developing bias voltage is changed according to the situation to maintain the proper density print and prevent against background copy.

(Operation)

- 1) Three toner image patches are made on the OPC drum with the three voltages Vdbc and Vdbc \pm (n)a. (a = 50V)
- 2) Connect the three points of three toner patch density points with strait lines, and check that it reaches the reference density.

If the above condition is satisfied, obtain the correction developing bias voltage (Vdbc(n)) for the reference density by linear approximation.

The reference density: 38 (set with SIM 44-4) for AR-280/285/335/405

58 (set with SIM 44-15) for AR-250/281/286/336

36 (set with SIM 44-4) for AR-501/505

3) Calculate the developing bias correction voltage (\triangle Vdbc(n)).

The developing bias correction voltage (△ Vdbc(n)) is applied to the developing bias voltage correction in all the operation modes.

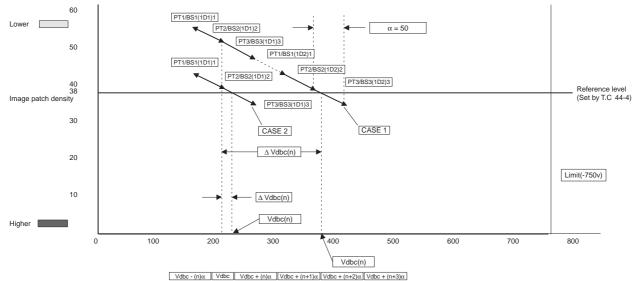
If the condition of 2) is not satisfied, change the condition of 1) as follows and make three toner image patches similarly to 1).

(Contents of change)

Change the three developing bias voltages of correction for making toner image patches to Vdbc + $(n \pm 1) \alpha$, Vdbc + $(n \pm 2) \alpha$, and Vdbc + $(n \pm 3) \alpha$, and execute 1) and 2). ($\alpha = 50V$)

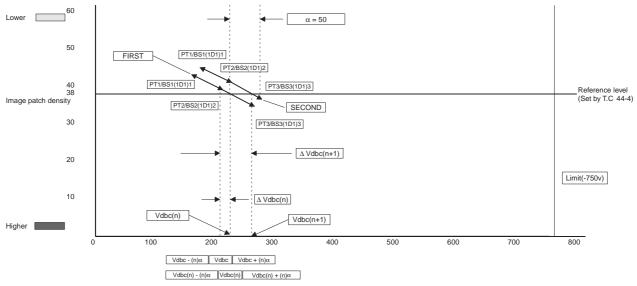
Repeat the above operation until the condition of 2) is satisfied. (n = Number of toner patch forming. 3 toner image patches are made at once.) The correction operation of the developing bias voltage should be in the range of $0 \sim -750$ V.

DEVELOPING BIAS VOLTA GE CORRECTION



Develping bias voltage

DEVELOPING BIAS VOLTA GE CORRECTION



Develping bias voltage

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(6) Main charger grid voltage correction 2

a. Outline and purpose

When the developing bias voltage is changed, the main charger grid voltage correction 2 is performed to maintain the relation between the developing bias voltage and the main charger grid voltage at constant.

b. Details

After the developing bias voltage correction, the voltage of correction of the developing bias voltage is automatically added to the main charger grid voltage.

Actual main charger grid voltage variable range: -200 to -900V

(7) Laser beam power correction 2

To maintain the OPC drum bright potential at constant for changes in the main charger grid voltage due to main charger grid voltage correction 1 and 2, the laser beam power must be changed accordingly.

Laser beam power correction 2 is performed to output the laser beam power according to the above situation.

This correction provides stable print density.

(8) Toner concentration correction A

a. Outline and purpose

This correction is used to correct changes in the developer characteristics due to aging and change in the environmental conditions.

When any change occurs in the developer characteristics, it causes under-toner or over-toner, resulting in improper print density.

To prevent against this, the reference toner control level is changed according to the conditions to maintain the specified toner concentration.

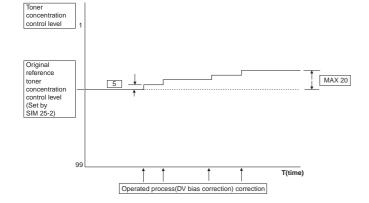
This correction provides stable print density.

b. Details of operation

When the developing bias correction voltage (\triangle Vdbc(n)) is minuscorrected (shifted to the positive polarity direction), it is recognized as an increase in developing capability, and the reference toner concentration control level set with SIM 25-2 is increased.

With the above operation, toner concentration is decreased to maintain the proper print density.

The correction data is cleared to "0" when SIM 25-2 is executed.



(9) Toner concentration correction B

a. Outline and purpose

Developer shows an inclination of overtoning with age. To prevent against this, the reference toner concentration control level is changed according to the situation to maintain the specified toner concentration level.

b. Details of operation

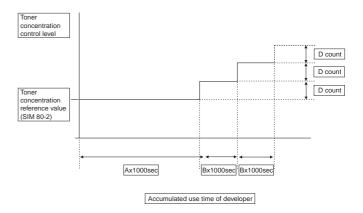
When the developer rotation time (SIM 44-9: DEVE MIXING TIME) reaches A x 1000sec, the reference toner concentration level set with SIM 25-2 is increased by D count.

After that, correction by D count is made for every B \times 1000sec, and correction is ended up with C times of the number of times of correction

The correction quantity can be changed with SIM 25-8. When shipping, correction is not used.

<Means>

The accumulated use time of developer is detected. When it reaches the specified level, the toner concentration control reference value is corrected (SIM 80-2).



- This correction can be performed with SIM 25-8.
- The accumulated use time of developer is detected and displayed on the menu of SIM 44-9 similarly with the drum counter.
- The accumulated use time of developer is cleared after execution of SIM 25-2, and the counter is reset to 0sec. It, however, is not cleared with SIM 25-1.
- The accumulated use time of developer can be reset with SIM 24-11.
- The current correction quantity of toner concentration reference value is displayed on the menu of SIM 44-9 separately from toner concentration control correction A.
- The first correction time A can be set with a simulation and the default is 200. (Set range: 0 to 500)
- The second or later correction time B can be set with a simulation and the default is 50. (Set range: 0 to 300)
- The number of times of correction, C, can be set with a simulation and the default is 3. (Set range: 0 to 10)
- The correction quantity D can be set with a simulation and the default is 0. (Set range: 0 to 30)

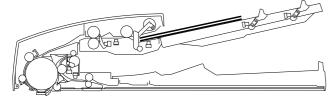


4. RSPF

A. Operational descriptions

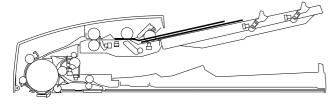
a. Simplex operation

1) Document set (2 pages)



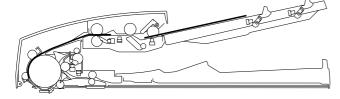


2) First page preliminary paper feed start



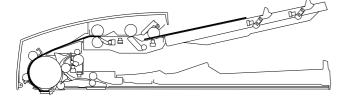


3) First page preliminary paper feed end



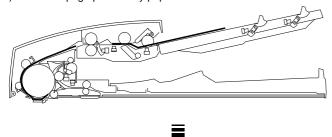


4) First page paper feed start

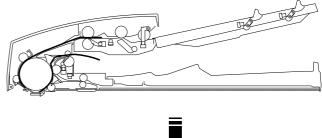




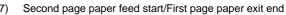
5) Second page preliminary paper feed start

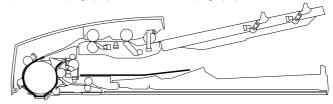


6) Second page preliminary paper feed end/First page paper feed



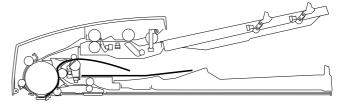
•





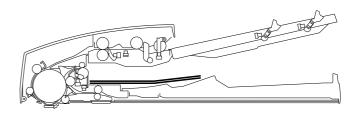


8) Second page paper exit start



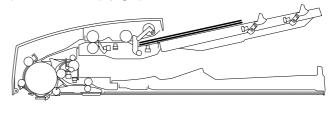


9) Second page paper exit end



b. Duplex operation

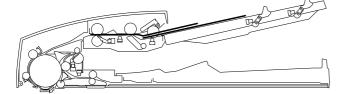
1) Document set (2 pages)





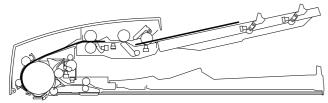
8/6/1999 10 – 5

2) First page preliminary paper feed start



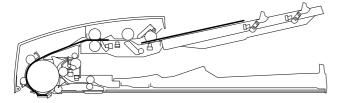


3) First page preliminary paper feed end



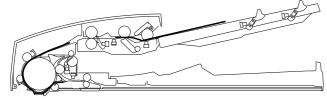


4) First page paper feed start (Front)



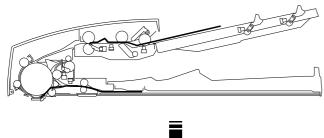


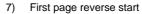
5) Second page preliminary paper feed start

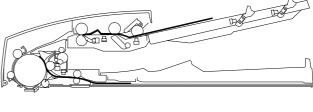




6) First page paper feed end (Front)

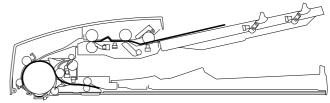






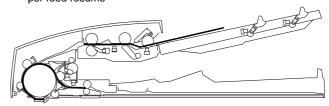


8) First page reverse end



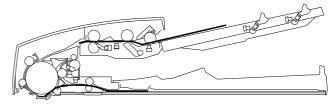


First page paper feed start (Back)/Second page preliminary paper feed resume



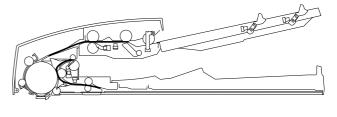


10) First page paper feed end (Back)





 Second page preliminary paper feed resume/First page paper exit start



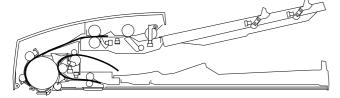


8/6/1999

10 - 6

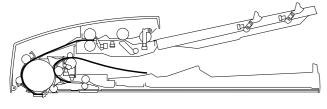


12) Second page preliminary paper feed end



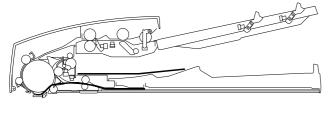


13) Second page paper feed start (Front)



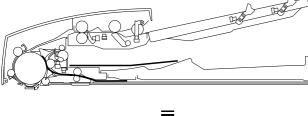


(4) Second page paper feed end (Front)



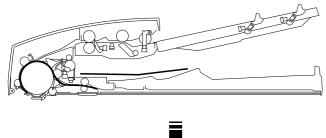


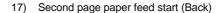
15) Second page reverse start

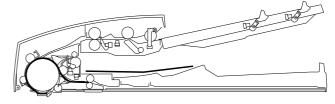




16) Second page reverse end

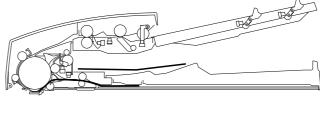






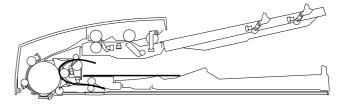


18) Second page paper feed end (Back)



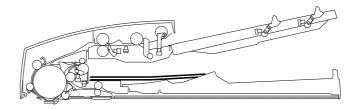


19) Second page paper exit start





20) Second page paper exit end



B. Document size detection method

This machine detects document sizes in the following three ways.

1) Document size detection by the document set tray

When documents are set in the document set tray, the size is detected to enable the automatic selection of the suitable paper and the copy magnification ratio according to the detected size.

When mixed sizes of documents are set, the max. size is detected. The document width is detected by TRVR (size volume), and the document length by TRS-S and TRS-L (tray sensors) to identify the document size.

The judgement of a document size is made at the timing when the empty sensor (EMPS) detects a document.

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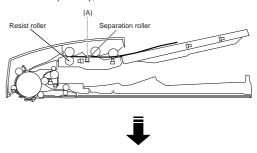
Document sizes and sensor states

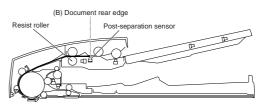
	Document size and set		Sensor states	
	direction	(Detection	level, or ON:	μ, OFF: λ
	uncouon	TRVR	TRS-S	TRS-L
INCH-1	B5R	1	μ	λ
	INV (5.5 × 8.5)	2	λ	λ
	LTR (8.5 × 11R)	2	μ	λ
	LGR (8.5 × 14R)	2	μ	μ
	B5	3	λ	λ
	B4R	3	μ	μ
	LT (8.5 × 11)	4	λ	λ
	WLTR (11 × 17R)	4	μ	μ
	A4	5	λ	λ
	A3R	5	μ	μ
INCH-2	B5R	1	μ	λ
	INV (5.5 × 8.5)	2	λ	λ
	LTR (8.5 × 11R)	2	μ	λ
	L4R (8.5 × 13R)	2	μ	μ
	B5	3	λ	λ
	B4R	3	μ	μ
	LT (8.5 × 11)	4	λ	λ
	WLTR (11 × 17R)	4	μ	μ
	A4	5	λ	λ
	A3R	5	μ	μ
SEEG SUK	B5R	1	μ	λ
Japan	LGR (8.5 × 14R)	2	μ	μ
	A5	2	λ	λ
	A4R	2	μ	λ
	B5	3	λ	λ
	B4R	3	μ	μ
	LT (8.5 × 11)	4	λ	λ
	WLTR (11 × 17R)	4	μ	μ
	A4	5	λ	λ
	A3R	5	μ	μ
SCA	B5R	1	μ	λ
	F4R (8.5 × 13R)	2	μ	μ
	A5	2	λ	λ
	A4R	2	μ	λ
	B5	3	λ	λ
	B4R	3	μ	μ
	LT (8.5 × 11)	4	λ	λ
	WLTR (11 × 17R)	4	μ	μ
	A4	5	λ	λ
	A3R	5	μ	μ

Document size detection by the post-separation sensor (SPS)

This detection method supplements an incompleteness of document size detection on the document set tray when documents of different sizes are set together. Therefore, the detection result of this method has priority over that of the document set tray.

The document length is detected by counting the number of pulses of the paper feed motor (AMOT) and the transport motor (FMOT) during the time interval from when the paper feed motor (AMOT) starts rotation, that is, the resist roller starts rotation, and a document is fed from the paper feed section to the paper transport section to when the post-separation sensor (SPS) detects the rear edge of the document. With the detected document length and the document width detected by the size volume (TRVR), the document size is identified.





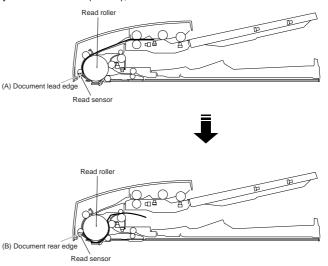
The number of pulses of the paper feed motor (AMOT) and the transport motor (FMOT) during the time interval between (A) and (B) is counted.

3) Document size detection by the read sensor (RDS)

This detection method supplements an incompleteness of document size detection on the document set tray when documents of same width but different length are set together (LTR/LGR judgement) or when document of a larger size than LT whose rear edge is not detected by the post-separation sensor (SPS) are set. Therefore, the detection result of this method has priority over that of the document size detection by the post-separation sensor.

When the transport motor (FOMT) rotates in the normal direction, the read roller start rotation and the document is fed from the paper feed section to the paper transport section. At that time, The number of pulses of the transport motor (FMOT) is counted while the read sensor reads the document from the lead edge to the rear edge, and the document length is detected from the count.

With the detected document length and the document width detected by the size volume (TRVR), the document size is identified.



The number of pulses of the transport motor (FOMT) between (A) and (B).

10 – 8 8/6/1999

CAUTION FOR BATTERY REPLACEMENT -

(Danish)

ADVARSEL!

Lithiumbatteri – Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri
af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandoren.

(English) Caution!

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.

Dispose of used batteries according to manufacturer's instructions.

(Finnish) VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

(French) ATTENTION

Il y a danger d'explosion s' il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.

Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

(Swedish)

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent
typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens
instruktion.

SHARP

PARTS GUIDE

CODE:00ZAR507//P1E

AR-287/337 MODEL AR-407/507

CONTENTS

1	Exteriors(Front cabinet etc.)	40	PCU PWB(AR-287,337,407)
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- Exteriors(Rear, Left side cabinet etc.)
 4 PCU PWB(AR-507)
- 3 Operation panel unit 43 ICU PWB(AR-287,337,407)
- 5 Optical unit 1 44 ICU PWB(AR-507)
- 6 Optical unit 2 46 Operation control PWB
- 9 Frame section 53 DC Power supply PWB(100V series)
- Rear frame 1 (PCU PWB,DC power PWB etc.) 54 DC Power supply PWB200Vseries (and 100V series AR-287,337)
 - Rear frame 1(AC PWB,Frame etc) 63 RSPF 2(AR-507)
- 12 Rear frame 2 64 RSPF 3(AR-507)
- 16 Fusing unit 1 65 RSPF 4(AR-507)
- 17 Fusing unit 2 66 RSPF 5(AR-507)
 - Packing material & AccessoriesIndex

This Parts Guide describes only the Different points from and added points to the AR-505 Parts Guide(00ZAR505//P1E).

Those which are not described in this manual are common with the AR-505 Parts Guide. Please refer to the AR-505 Parts Guide for them, Parts with a blank column of model name are common to all the models.



DEFINITION

The definition of each Rank is as follows and also noted in the list

A: Parts necessary to be stocked as High usage parts.

B: Parts necessary to be stocked as Standard usage parts.

C: Low usage parts.

D: Parts necessary for refurbish.

E: Unit parts recommended to be stocked for efficient after sales service.

Please note that the lead time for the said parts may be longer than normal parts.

S: Consumable parts.

Please note that the following parts used in Copier under the same description are classified into A or B Rank depending upon the place used.

Example: Gear made of Metal, Sprocket, Bearing, Belt made of Rubber, Spring clutch mechanism.

A Rank: The parts which may be with the revolution or loading.

B Rank: Parts similar to A Rank parts, but are not included in Rank A.

Because parts marked with "A" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

O Other than this Parts Guide, please refer to documents Service Manual (including Circuit Diagram) of this model.

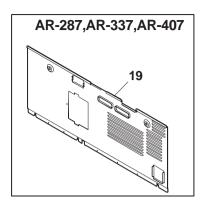
O Please use the 13 digit code described in the right hand corner of front cover of the document, when you place an order.

O For U.S. only-Use order codes provided in advertising literature. Do not order from parts department.

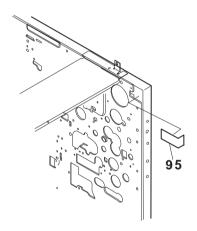
New model	Compared models
AR-287	AR-285
AR-337	AR-335
AR-407	AR-405
AR-507	AR-505

2 Exteriors(Rear,Left side cabinet etc.)

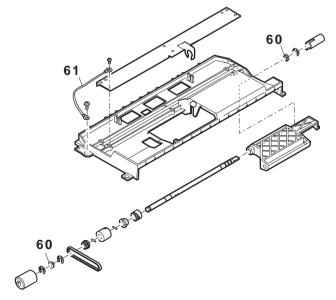


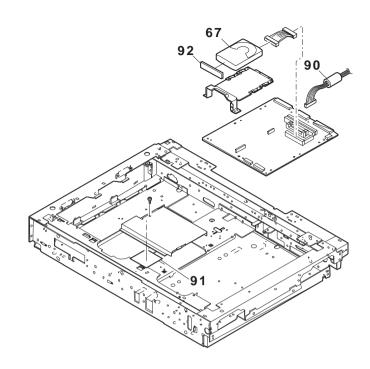


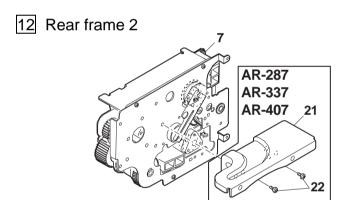
9 Frame section



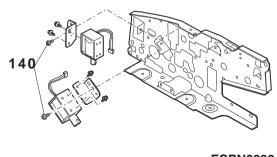
65 RSPF 4(AR-507)







66 RSPF 5(AR-507)



1 Exteriors(Front cabinet etc.)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	
	CCAB-0888FC63	BD	N	Е	Front exterior unit (USA only)[AR-287]
	CCAB-0888FC62	BD	N	Е	Front exterior unit (Except USA)[AR-287]
	CCAB-0888FC65	BD	N	Е	Front exterior unit (USA only)[AR-337]
10	CCAB-0888FC64	BD	N	Е	Front exterior unit (Except USA)[AR-337]
10	CCAB-0927FC42	BB	N	Е	Front exterior unit (USA only)[AR-407]
	CCAB-0927FC41	BB	N	Е	Front exterior unit (Except USA)[AR-407]
	CCAB-0927FC45	BB	Ν	Е	Front exterior unit (USA only)[AR-507]
	CCAB-0927FC44	BB	N	Е	Front exterior unit (Except USA)[AR-507]
-					

2 Exteriors(Rear,Left side cabinet etc.)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
19	GCAB-0933FCZZ	AW	N	D	Rear exterior	[AR-287,337,407]

3 Operation panel unit

<u> </u>	speration parior an					
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
2	CPWBN1442FC31	BY	N	Е	Operation control PWB	[AR-287,337,407]
8	PSHEP4812FCZZ	AR	N	С	LCD sheet	[AR-287,337,407,507]
9	HPNLH0238FCZ1	BF		D	Touch panel	[except AR-405]
	PSHEZ4819FCZZ	AH	N	С	Panel sheet (English)	[AR-287,337]
	PSHEZ4819FCZ1	AH	N	С	Panel sheet (German)	(Germany)[AR-287,337]
	PSHEZ4819FCZ2	AH	N	С	Panel sheet (French)	(Canada, Morocco)[AR-287,337]
27	PSHEZ4819FCZ3	AH	N	С	Panel sheet (English)	(LAG3,LAG4)[AR-287,337]
21	PSHEP4818FCZZ	AH	N	С	Panel sheet (English)	(Canada, Germany) [AR-507]
	PSHEP4818FCZ1	AH	N	С	Panel sheet (German)	(Germany only)[AR-507]
	PSHEP4818FCZ2	ΑE	N	С	Panel sheet (French)	(Canada, Morocco) [AR-507]
	PSHEP4818FCZ3	ΑE	N	С	Panel sheet (English)	(LAG2,LAG3,LAG4)[AR-507]
28	HPNLC0241FCZZ	AX		D	Operation panel	[AR-407,507]
33	CPNLC0242FC03	AU		D	Operation panel B	(USA only)[AR-407]
33	CPNLC0242FC06	ΑT		D	Operation panel B	[AR-507]
	PSHEP4816FCZ2	ΑE	N	С	Panel sheet B (French)	(Canada, Morocco)[AR-287,337,]
	PSHEP4816FCZZ	ΑE	N	С	Panel sheet B (English)	(Canada, Germany) [AR-287, 337,]
	PSHEP4816FCZ1	ΑE	N	С	Panel sheet B (German)	(Germany only)[AR-287,337,]
37	PSHEP4816FCZ3	ΑE	N	С	Panel sheet B (English)	(LAG3,LAG4)[287,337]
31	PSHEP4817FCZZ	ΑE	N	С	Panel sheet B (English)	(Canada)[AR-407]
	PSHEP4817FCZ1	ΑE	N	С	Panel sheet B (German)	(Germany)[AR-407]
	PSHEP4817FCZ2	ΑE	N	С	Panel sheet B (French)	(Canada)[AR-407]
	PSHEP4817FCZ3	AE	N	D	Panel sheet B for Key	(LAG2)[AR-407]

5 Optical unit 1

[AR-287,337,407,507]
[AR-237,337,407,507]
[AR-287,337]
[AR-407]
[AR-287,337,407]
(AR-287,337,407,507)
(AR-287,337,407,507)
(AR-287,337,407,507)
·

6 Optical unit 2

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
33	CPLTM5435FC02	AN		С	Optical frame reinforce plate
45	LPLTM5430FCZ1	AN		С	OC fixing plate [except AR-507]

9 Frame section

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
	DUNT-6984FC23	CT	N	Е	LSU unit	[AR-287,337]
2	DUNT-6984FC24	CT	N	Е	LSU unit	[AR-407]
	DUNT-6984FC31	CU	N	Е	LSU unit	[AR-507]
51	NFANP0048FCZZ	ΑY		В	Fan (60X20P)	(USA,Canadaa)[AR-287,337]
51	NFANP0060FCZZ	AX		В	Fan (60X25μ)	(except USA Canada)[AR-,287,337]
79	CPWBN1418FC52	BQ	N	Е	LSU control PWB	[AR-407]
95	PSHEP4851FCZZ	AB	N	С	Manual hraness fixing sheet	

10 Rear frame 1(PCU PWB,DC power PWB etc.)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
32	CPLTM5401FC02	AY		С	Board support plata	(100Vseries)[except AR-507]
32	CPLTM5400FC01	AP		С	Board support plate	(except USA Canada)(200Vseries)[AR-287,337,407]
44	DHA i - 3 0 7 0 F C Z Z	BY		С	Main harness	(USA Canada)(100V series)[AR-287,387,407]
44	DHA i - 3 0 9 0 F C Z Z	AP		С	Main harness	(excpt USA Canada)(200V series)[AR-287,337,407]
49	LPLTM5666FCZZ	AG		С	SCSI I/F plate	[AR-287,337,408,507]
50	LPLTM5666FCZ1	ΑF		С	SCSI I/F plate	[AR-287,337,407,507]

11 Rear frame 1(AC PWB,Frame etc)

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
14	LPLTM5398FCZ2	AR		С	AC PWB fixing plate (100V series)
15	LSUPP0060FCZZ	AA		С	PWB supporter(SPLS-6) (USA Canada]
24	QACCR7421QCZZ	AY		С	AC cprd (250V series)[LAG4]
24	QPLGA0005QCZZ	AN	N	В	AC cord plag (Hong Kong only)
25	DHAi-2904FC12	AM	N	С	Earth core (Taiwan)

12 Rear frame 2

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
10	NFLY-0010FCZZ	AN		С	Flay wheel	
21	LDAiU0615FCZZ	AG	N	С	SCSI fixing plate	[except AR-507]
22	XHBSE40P08000	AA		С	Screw	[except AR-507]
I		1	1			

16 Fusing unit 1

	NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	
⚠		DUNTW6931FC44	CC	N	Е	Fusing unit (100V series)(AR-287,337)
\wedge		DUNTW6931FC45	CC	N	Е	Fusing unit (200V series)(AR-287,337)
<u>^</u>	901	DUNTW6931FC24	CC	N	Е	Fusing unit (100V series)(AR-407)
⚠		DUNTW6931FC25	CC	N	Е	Fusing unit (200V series)(AR-407)
\wedge		DUNTW6931FC23	CC	N	Е	Fusing unit (100V series)Taiwan)(AR-407)

17 Fusing unit 2

	NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	23	CFRM-0953FC02	AS	N	С	Fusing lower frame (AR-287,337)
\triangle		DUNTW6931FC44	CC	Ν	Е	Fusing unit (100V series)(AR-287,337)
⚠ ⚠ ⚠ ⚠		DUNTW6931FC45	CC	Ν	Е	Fusing unit (200V series)(AR-287,337)
\triangle	901	DUNTW6931FC24	CC	Ν	Е	Fusing unit (100V series)(AR-407)
\triangle		DUNTW6931FC25	CC	Ν	Е	Fusing unit (200V series)(AR-407)
\triangle		DUNTW6931FC23	CC	Ν	Е	Fusing unit (100V series)Taiwan)(AR-407)

39 Packing material & Accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DES	SCRIPTION
	SPAKC6081FC11	ВС	N	D	Packing case	(USA only)[AR-287]
	SPAKC6082FCZZ	BC	N	D	Packing case	(Germany, Europe except Germany)[AR-287]
	SPAKC6081FCZZ	ВС	N	D	Packing case	(Other countries)[AR-287]
	SPAKC6081FC13	ВС	N	D	Packing case	(USA only)[AR-337]
	SPAKC6082FC11	BC	N	D	Packing case	(For Europe except Germany)[AR-337]
1	SPAKC6081FC12	BC	N	D	Packing case	(Other countries)[AR-337]
	SPAKC6081FC15	BC	N	D	Packing case	(USA only)(AR-407)
	SPAKC6082FC12	BC BC	N	D	Packing case	(Germany For Europe except Germany)[AR-407]
	SPAKC6081FC14 SPAKC6083FC12	BD	N N	D D	Packing case	(Other countries)[AR-407]
	SPAKC6083FCTZ SPAKC6084FCZZ	BD	N	D	Packing case Packing case	(for USA)[AR-507] (Germany for Europe except Germany)[AR-507]
	SPAKC6084FC22	BD	N	D	Packing case Packing case	(for other countries)[AR-507]
	SPAKA5895FCZ2	AX	N	D	Top packing cushion L ADF	(AR-287)[Hong Kong]
	SPAKA5962FCZ1	AW	N	D	Top packing cushion L ADF	(AR-407)[Hong Kong]
2	SPAKA5896FCZZ	ΑT		D	Top packing cushion R ADF	(AR-287)[Hong Kong]
	SPAKA5963FCZ1	AW	N	D	Top packing cushion R ADF	(AR-407)[Hong Kong]
7	CPAKA5760FC32	BE	N	D	Skid unit	[Hong Kong]
12	SPAKA6074FCZZ	AG	N	D	ADF protect sheet	[Hong Kong]
36	TCADZ2001QCZA	ΑE		D	Card	(Australia, New Zealand)
30	TCADS0649FCZZ	AM		D	Card	(Germany, Europe)
	C i NSE 1 9 5 1 F C 5 1	BB	N	D	Operation manual for copy	(English)(except USA,U,Kingdom)[AR-287,337]
	C i NSF 1 9 5 2 F C 5 1	BE	N	D	Operation manual for copy	(Fernch)[AR-287,337,407]
	C i NSS1955FC51	BE	N	D	Operation manual for copy	(Spanish)[AR-287,337,407]
	C i NSG1953FC51	BE	N	D	Operation manual for copy	(German)[AR-287,337,407]
	CiNSR1959FC51	BE	N	D	Operation manual for copy	(Russian)[AR-287,337,407]
	C i N S Z 1 9 6 0 F C 5 1	BE	N	D	Operation manual for copy	(Arabic)[AR-287,337,407]
	C i N S E 1 9 4 9 F C 5 1	AZ BB	N	D	Operation manual for copy	(Englesh)(USA only)[AR-287,337,407]
37	C i N S E 1 9 5 4 F C 5 1 C i N S E 1 9 7 7 F C 5 1	AZ	N N	D D	Operation manual for copy (English)	(U.Kingdom)[AR-407]
	C i N S E 1 9 7 9 F C 5 1	BA	N	D	Operation manual for copy (English) Operation manual for copy (English)	(USA)[AR-507] (except USA,U.Kingdom)[AR-507]
	C i NSR 1 9 8 7 F C 5 1	BE	N	D	Operation manual for copy	(except 05A,0.Kingdom)[AR-507] (Russian)[AR-507]
	C i NSS1983FC51	BE	N	D	Operation manual for copy	(Russian)[AR-507] (Spanish)[AR-507]
	C i NSZ1988FC51	BE	N	D	Operation manual for copy	(Arabic)[AR-507]
	C i NSF 1 9 8 0 F C 5 1	BE	N	D	Operation manual for copy (French)	(Canada)[AR-507]
	C i NSE 1 9 8 2 F C 5 1	BB	N	D	Operation manual for copy (English)	(U.Kingdom)[AR-507]
	C i NSG1981FC51	BE	N	D	Operation manual for copy (Germany)	(Germany)[AR-507]
	CiNSE1978FC51	AQ	N	D	Operation manual for Key	(USA only)[AR-507]
39	CiNSE1950FC51	AP	N	D	Operation manual for Key	(USA only)[AR-407]
	PSHEZ4819FCZZ	AH	N	С	Panel sheet (English)	[AR-287,337]
	PSHEZ4819FCZ1	AH	N	С	Panel sheet (German)	(Germany)[AR-287,337]
	PSHEZ4819FCZ2	AH	N	С	Panel sheet (French)	(Canada, Morocco)[AR-287,337]
	PSHEZ4819FCZ3	AH	N	С	Panel sheet (English)	(LAG3,LAG4)[AR-287,337]
	PSHEP4818FCZZ	ΑE	N	С	Panel sheet (English)	(Canada, Germany)[AR-507]
	PSHEP4818FCZ1	AE	N	С	Panel sheet (German)	(Germany only)[AR-507]
	PSHEP4818FCZ2	AE	N	С	Panel sheet (French)	(Canada only)[AR-507]
41	PSHEP4818FCZ3	AE	N	С	Panel sheet B (English)	(LAG3,LAG4)[AR-507]
	PSHEP4816FCZ2	AE	N	С	Panel sheet B (French)	(Canada, Morocco)[AR-287,337]
	PSHEP 4 8 1 6 F C Z Z PSHEP 4 8 1 6 F C Z 1	AE	N	С	Panel sheet B (English)	(Canada, Germany) [AR-287, 337]
		ΑE	N	С	Panel sheet B (German)	(Germany only)[AR-287,337]
	PSHEP 4 8 1 6 F C Z 3	AE AE	N	C	Panel sheet B (English)	(LAG3,LAG4)[AR-287,337]
	P S H E P 4 8 1 7 F C Z Z P S H E P 4 8 1 7 F C Z 1	AE	N N	C	Panel sheet B (English) Panel sheet B (German)	(Canada)[AR-407] (Germany)[AR-407]
	PSHEP4817FCZ2	AE	N	C	Panel sheet B (German) Panel sheet B (French)	(Germany)[AR-407] (Canada)[AR-407]
	PSHEP4817FCZ3	AE	N	D	Operation manual for Key	(LAG2)[AR-407] (LAG2)[AR-407]
	TCADZ0098QSZZ	AF		D	Warranty resist card	(U.Kingdom only)
42	TGANE1001QCZB	AC		D	Warranty resist card	(Australia,New Zealand)
43	TCADZ1442FCZZ	AE		D	MSDS card	(USA,Canada,U.Kingdom)[AR-280,281,286,336]
	TLABH4411FCZZ	ΑE		D	Operation card	(U,Kingdom)(AR-507)
	TLABH4410FCZZ	AK		C	Card	(U,Kingdom)
	TLABH4259FCZZ	AH		С	Sheet	(Hong kong)
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40 PCU PWB(AR-287,337,407)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
	VHi28F161A20C	BE	N	В	PCUFLASH PWB(28F161A20C)	(100V series)[AR-287,337]
1	VHi28F161A21C	BE	N	В	PCUFLASH PWB(28F161A21C)	(200V seeies)[AR-287,337]
'	VHi28F161A23C	BE	N	В	PCUFLASH PWB(28F161A23C)	(100V series)[AR-407]
	V H i 2 8 F 1 6 1 A 2 4 C	BE	N	В	PCUFLASH PWB(28F161A24C)	(200V series)[AR-407]
11	QSŌCZ0073FCZZ	ΑL		С	Socket(DMM2SD72A1131)	[SOCKT1]
42	VHiiS61C51215	ΑU		В	IC (IS61C51215)	[IC25,28,30,35]
54	V H i H D 7 4 L V 3 2 A F	AD		В	IC (HD74LV32AF)	[IC36]
101	VSDTC114EK/-1	AB		В	Transistor(DTC114EK)	[Q206,207]
901	CPWBN1440FC31	BY	N	Е	PCU PWBwithout FLASH PWB	

41 PCU PWB(AR-507)

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	VHi28F161A26C	BE	N	В	PCUFLASH PWB(28F161A26C) (100V series)	
'	VHi28F161A27C	BE	N	В	PCUFLASH PWB(28F161A27C) (200V series)	
37	VHERD22FB//-1	AD		В	Zener diode(RD22FB)	[ZD2,3,7,8]
40	VHiiS61C51215	ΑU		В	IC (IS61C512-15J) (IS61C512-15J)	[IC26,28,30,34]
45	V H i MM 7 4 H C 1 3 8 S	ΑE	N	В	IC (MM74HC138SJ)	[IC19]
46	V H i M M 7 4 H C 1 5 1 S	ΑE	N	В	IC (MM74HC151SJ)	[IC13~16,21~24]
53	VHi74VHCT04-1	AF		В	IC (74VHCT04)	[IC40,41]
54	VHiHD74LV32AF	AD		В	IC (HD74LV32AFP)	[IC42]
105	VSDTC114EK/-1	AB		В	Transistor (DTC114EK)	[Q204,205]
106	VRS-RE3LA201J	AC	N	В	Resistor (3W 200Ω±5%)	[R16]
107	VRS-RE3LA241J	AC	N	В	Resistor (3W 240Ω±5%)	[R15]
901	CPWBN1441FC31	BY	N	Е	PCU PWB(without FLASH PWB)	

43 ICU PWB(AR-287,337,407)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIP	PTION
	L X - N Z 0 0 3 2 F C Z Z	AA		С	Nut (P3035B)	
	PCOVW0829FCZZ	AC		D	Battery cover	
	PSPAZ1413FCZZ	AC		С	Spacer (PSM2-01)	
	QCNCM0972FCZZ	AH		С	Connector (26pin)	[CN2]
	QCNCM0974FCZZ	AK		С	Connector (RKH401TD019)	[CN6]
6	QCNCM0990FCZZ	ΑE		С	Connector (10pin)	[CN5]
	QCNCM0991FCZZ	AG		С	Connector (30FMZ-BT)	[CN3]
8	QCNCM0998FCZZ	AF		С	Connector (22pin)	[CN1]
9	QCNCM1015FCZZ	AG		С	Connector (28pin)	[CN7]
10	QCNCW1020FCZZ	AF		С	Connector (22pin)	[CN10]
11	QCNCW1046FCZZ	AK		С	Connector (DHB-RA50-R1)(SCSI)	[CN11,CN12]
12	QSŌCZ0073FCZZ	ΑL		С	Connector (72pin)	[SOCKET1,2]
13	QSŌCZ6428ACZZ	ΑE		С	IC socket (28pin)	[IC22p]
14	RC-KZ1054CCN2	AB		С	Capacitor (RPE132-906)	[C13,15,19,21,22,26,27]
15	RCiLF0080FCZZ	AC		С	Coil (BLM21B601SP)	[L101]
	RCRS-0049FCZZ	AP		В	Crystal (SG8002JC 29MHz)	[except AR-407][X4]
16	RCRS-0050FCZZ	AP		В	Crystal (8002JC 34.2MHz)	[AR-407][X4
	RCRS-0051FCZZ	AP		В	Crystal (SG8002JC 32MHz)	[except AR-407][X1]
	RCRS-0052FCZZ	AP		В	Crystal (8002JC 37.9MHz)	[AR-407][X1
	RCRS-0055FCZZ	AP		В	Crystal (8002JC 40MHz)	[X6]
	RCRS-0056FCZZ	AP		В	Crystal (8002JC 50MHZ)	[X5]
	RCRS-0065FCZZ	AP	N	В	Crystal (8002JC 38.893MHZ)	[except AR-407][X2]
	RCRS-0064FCZZ	AP	N	В	Crystal (8002JC 46.9MHZ)	[AR-407][X2
	RCRSP6676RCZZ	AG	- 11	В	Crystal (32.768KHz)	[X7] [X7]
	RFiLN6012RCZZ	AB		C	EMI filter (E103)	[NF76~81]
	RFiLN6013RCZZ	AB		C	EMI filter (EXCEMT222BT)	[NF65~75,82~84
24	RFiLZ0028FCZZ	AD		C	EMI filter (NFM40)	[NF1~7,9~28]
	RFiLZ0032FCZZ	AD		C	EMI filter (NFM40220)	[NF1~7,9~26] [NF29~64]
	RMPTC4220QCJJ	AC		В	Block resistor (22Ω×4)	<u> </u>
	RMPTC4220QCJJ	AC				[BR24,25,26,27,28,29,30,31,32]
-		AC		В	Block resistor $(22\Omega \times 4)$	[BR33,34,35,36,37,38,39,40,41]
	RMPTC4220QCJJ			В	Block resistor $(22\Omega \times 4)$	[BR42,43]
	RMPTM0034FCZZ	AC		В	Block resistor (10KΩ×8)	[BR1~15]
	UBATL2033SCZZ	AK		В	Battery (CR2032-H03)	[BT1]
	VCCCTV1HH300J	AA		С	Capacitor (50WV 30PF)	[C141,142]
	VCCCTV1HH6R0D	AA		С	Capacitor (50WV 6.0PF)	[C235,236]
	V C E A 2 U 0 J W 1 0 8 M	AD		С	Capacitor (6.3WV 1000μF)	[C6]
	V C E A 2 U 1 C W 4 7 7 M	AD		С	Capacitor (16WV 470μF)	[C33]
	V C E A 2 U 1 V W 2 2 7 M	AD		С	Capacitor (35WV 220μF)	[C4,5]
	VCEAJU0JW107M	AB		С	Capacitor (6.3WV 100μF)	[C9]
	VCEAJU0JW226M	AB		С	Capacitor (6.3WV 22μF)	[C7,12]
	VCEAJU0JW337M	AC		С	Capacitor (6.3WV 330μF)	[C8,28,30,39,40]
	VCEAJU1HW105M	AB		С	Capacitor (50WV 1.0μF)	[C31]
	VCEAJU1HW335M	AB		С	Capacitor (50WV 3.3μF)	[C29,32]
	VCKYTV1HB102K	AA		С	Capacitor (50WV 1000PF)	[C122,133,187,195,213]
40	VCKYTV1HF103Z	AA		С	Capacitor (50WV 0.010μF)	[C199]
	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF)	[C101,103,106,116,119,124,152]
	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF)	[C153,154,165,168,171,180,189]
41	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF)	[C200,201,223,234,238,261,262]
	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF)	[C263,264,265,266,267,268,270]
	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	[C102,104,105,107,108,109,110]
	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	[C111,112,113,114,115,117,118]
	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	[C120,121,123,125,126,127,128]
	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C129,130,131,132,134,135,136
ĺ	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C137,138,139,140,144,145,146
42	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C147,148,149,150,156,157,158
	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C159,160,161,162,163,164,166]
	VCKYTV1HF223Z	AA		Č	Capacitor (50WV 0.022µF)	[C167,172,176,177,178,179,181
	VCKYTV1HF223Z	AA		C	Capacitor (50WV 0.022μF)	[C185,186,188,190,191,192,193
	VCKYTV1HF223Z	AA		C	Capacitor (50WV 0.022µF)	[C194,196,197,198,202,203,204
				C	Capacitor (50WV 0.022µF)	[-:-:,:-5,:,:-5,,-00,201,

43 ICU PWB(AR-287,337,407)

	RTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRI	PTION
	V1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C212,214,215,216,217,218,21
	V1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C220,222,224,225,226,227,22
VCKYI	V1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C229,230,231,233,237,240,24
	V1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C271,274,275,276,277,27
43 V H D D A	N217//-1	AC		В	Diode (DAN217)	[D10
44 V H D D A	P202K/-1	AB		В	Diode (DAP202K)	[D10
45 VHDDS	S 1 3 3 H V - 1	AA		В	Diode (DSS133HV)	[D1 ²
46 VHDRE	3160L40-1	AD		В	Diode (RB160L40)	[D105,1
47 VHDRE	3411D//-1	AD		В	Diode (RB411D)	[D103,1
48 VHEH 2	S5A1//-1	AC		В	Zener diode (HZS5A1)	[Z
49 VHEHZ	S6A1//-1	AC		В	Zener diode (HZS6A1)	[Z
50 VHi74	AC04SJX/	ΑE	N	В	IC (74AC04SJX/)	[IC105,1
51 VHi74	AC08SJX/	ΑE	N	В	IC (74AC08SJX/)	[IC106,1
52 VHi74	ACT08SCX	ΑE	N	В	IC (74ACT08SCX)	[IC
53 VHi74	ACT32SCX	AD	N	В	IC (74ACT32SCX)	[IC11,
	VHCT08AJ	AD	N	В	IC (74VHCT08AJ)	[I
	VHCT240X	AF	N	В	IC (74VHCT240X)	[IC103,107,109,110,1
	VHCT244X	AF	N	В	IC (74VHCT244X)	[IC108,117,1
	VHCT245X	AF	N	В	IC (74VHCT245X)	[IC113,1
	28C64B-1	AZ	.,	В	EEP ROM (AT28C64B)	Įio 116,1
	5806GL-1	BK		В	IC (D65806GL)	[IC
	5808GL-1	BM		В	IC (D65808GL)	IIC
	5 5 9 4 8 G L - 1	BH		В	IC (D65948GL062)	[IC
	2165GC-1	BE		В		
	2 1 6 5 GC - 1	BS			IC (D82165GC)	[IC
				В	IC (D82355GN)	01]
	2356GN-1	BS		В	IC (D82356GN)	[IC
	174ALS574	AK	N	В	IC (DM74ALS574)	[]
	174AS04JX	AF	N	В	IC (DM74AS04JX)	[IC1
	174AS157M	AL	N	В	IC (DM74AS157M)	[IC5,1
	174AS74MX	AG	N	В	IC (DM74AS74MX)	[IC101,1
	390C401-1	AU		В	IC (DS90C401)	[1
70 VHiiS	61C25612	AN		В	IC (IS61C25612)	[IC1,2,3
71 VHiLF	I 5 3 7 C 0 G - 1	BC		В	IC (LH537C0G)	[IC
72 V H i L N	1339NS/-1	AD		В	IC (LM339NS)	[IC1
73 V H i L Z	9 A T 3 6 / - 1	BB		В	IC (LZ9AT36)	[IC
74 V H i M 6	6235FP-1	ΑT		В	IC (M66235FP)	I
75 V H i M E	886604L-1	ВС		В	IC (MB86604L)	[IC33]
76 V H i M C	F 5 2 0 2 P 2 5	BG		В	IC (MCF5202P25)	, lic
	U 6 3 5 6 E - 1	AK		В	IC (NJU6356E)	[IC
	1 C 1 O 2 4 1 5	ΑV	N	В	IC (S61C102415)	[IC27,28,29,
	6416-100	BG		В	IC (SDRAM)	[IC120,121,122,1
	62503F/-	AG		В	IC (TD62503)	[1]
	i 2 0 5 0 X - 1	BQ		В	IC (XLI2050X)	[IC
	'R 3 8 6 4 K - J	AC		В	LED (MVR3864K)	[L
	S 2 A D 0 0 0 J	AA		C	Resistor (1/10W 0 Ω ±5%)	[R101,102,103,104,105,106,1
	S 2 A D 0 0 0 J	AA		C	Resistor (1/10W $0\Omega \pm 5\%$)	[R108,109,112,113,114,115,1
	S 2 A D 0 0 0 J	AA		C	Resistor (1/10W 0 Ω ±5%)	[R117,118,122,126,130,131,1
	S 2 A D 0 0 0 J	AA		C	Resistor (1/10W 0 Ω ±5%)	[R141,157,196,200,201,202,2
	S 2 A D 0 0 0 J	AA		C	Resistor (1/10W 0 Ω ±5%)	[R206,212,213,343,344,349,3
	S 2 A D 0 0 0 J	AA		C	Resistor (1/10W 0Ω \pm 5%)	[R358,359,510,514,515,535,5
	S 2 A D 0 0 0 J	AA		C		
					Resistor (1/10W $0\Omega \pm 5\%$)	[R353,354,3
	S 2 A D 0 0 0 J	AA		С	Resistor (1/10W 0Ω ±5%)	[except AR-407][R197,5
				С	Resistor (1/10W 100Ω ±5%)	[R123,1
	S 2 A D 1 0 2 J	AA		С	Resistor (1/10W 1.0K Ω ±5%)	[R111,139,1
	S 2 A D 1 0 3 J	AA		С	Resistor (1/10W 10KΩ ±5%)	[R120,137,143,145,146,161,1
	S 2 A D 1 0 3 J	AA		С	Resistor (1/10W 10K Ω ±5%)	[R163,164,165,171,176,177,1
86 VRS - 1	S 2 A D 1 0 3 J	AA		С	Resistor (1/10W 10KΩ ±5%)	[R182,191,194,195,207,208,2
V R S - I	S2AD103J	AA		С	Resistor (1/10W 10K Ω ±5%)	[R214,215,216,241,242,243,2
	S 2 A D 1 0 3 J	AA		С	Resistor (1/10W 10K Ω ±5%)	[R246,247,472,538,539,540,5
	S 2 A D 1 0 3 J	AA		С	Resistor (1/10W 10KΩ ±5%)	[R542,543,544,545,546,547,5
-	S 2 A D 1 0 5 J	AA		С	Resistor (1/10W 1M Ω ±5%)	[R1
	S 2 A D 1 2 2 J	AA		С	Resistor (1/10W 1.2K Ω ±5%)	[R127,1
VRS-I	S 2 A D 1 2 2 J	AA		С	Resistor (1/10W 1.2K Ω ±5%)	[AR-407][R5
	S 2 A D 1 5 1 J	AA		С	Resistor (1/10W 150Ω ±5%)	[R1
	S2AD200J	AA		С	Resistor (1/10W $20\Omega \pm 5\%$)	[R1
	S2AD220J	AA		С	Resistor (1/10W 22 Ω ±5%)	[R477,478,479,480,481,482,4
	S2AD220J	AA		С	Resistor (1/10W 22 Ω ±5%)	[R484,485,486,487,488,489,4
" VRS-1	S2AD220J	AA		С	Resistor (1/10W 22Ω ±5%)	[R491,492,516,517,518,519,5
	S2AD220J	AA		С	Resistor (1/10W 22Ω ±5%)	[R522,523,1
92 VRS-T	S2AD221J	AA		С	Resistor (1/10W 220Ω ±5%)	[R1
	S 2 A D 2 2 2 J	AA		C	Resistor (1/10W 2.2KΩ ±5%)	[R169,1
	S 2 A D 2 2 3 J	AA		C	Resistor (1/10W 22K Ω ±5%)	[R181,345,346,347,3
	S 2 A D 2 2 4 J	AA		C	Resistor (1/10W 220K Ω ±5%)	[R1
	S 2 A D 3 O 1 J	AA		C	Resistor (1/10W 300 Ω ±5%)	[R170,1
	S 2 A D 3 3 1 J	AA		C	Resistor (1/10W 330 Ω ±5%)	[R3
	S 2 A D 3 6 3 J	AA		C	Resistor (1/10W 36K Ω ±5%)	
		AA		C	7	
00 1/ D 0 7			1		Resistor (1/10W 390 Ω ±5%)	[R2
99 VRS-1					Desister (4/40/M 20//0 +50/)	•
100 VRS-T	S 2 A D 3 9 3 J S 2 A D 4 7 2 J	AA		C	Resistor (1/10W 39K Ω ±5%) Resistor (1/10W 4.7K Ω ±5%)	[R1 [R240,244,525,526,527,528,5

43 ICU PWB(AR-287,337,407)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK]	DESCRIPTION
400	VRS-TS2AD562J	AA		С	Resistor (1/10W 5.6KΩ ±5%)	[R128,129,133,144,147,148,156]
102	VRS-TS2AD562J	AA		С	Resistor (1/10W 5.6KΩ ±5%)	[R192,342]
103	VRS-TS2AD683J	AA		С	Resistor (1/10W 68KΩ ±5%)	[R188]
104	VRS-TS2AD820J	AA		С	Resistor (1/10W 82Ω ±5%)	[R524]
105	VRS-TS2AD911J	AA		С	Resistor (1/10W 910Ω ±5%)	[R187,357]
106	VRS-TS2AD913J	AA		С	Resistor (1/10W 91K Ω ±5%)	[R186]
	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R254,255,256,257,258,259,266]
	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R267,268,269,270,271,278,279]
107	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R280,281,282,283,290,291,292]
	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R293,294,295,302,303,304,305]
	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R306,307,314,315,316,317,318,319]
	VRS-TW2ED331J	AA		С	Resistor (1/4W 330Ω ±5%)	[R248,249,250,251,252,253,260]
	VRS-TW2ED331J	AA		С	Resistor (1/4W 330Ω ±5%)	[R261,262,263,264,265,272,273]
108	VRS-TW2ED331J	AA		С	Resistor (1/4W 330Ω ±5%)	[R274,275,276,277,284,285,286]
	VRS-TW2ED331J	AA		С	Resistor (1/4W 330Ω ±5%)	[R287,288,289,296,297,298,299]
	VRS-TW2ED331J	AA		С	Resistor (1/4W 330Ω ±5%)	[R300,301,308,309,310,311,312,313]
109	VRSTS2AD2940F	AA		С	Resistor (1/10W 294 Ω ±1%)	[AR-407][R132]
110	VRSTS2AD3570F	AA		С	Resistor (1/10W 357 Ω ±1%)	[except AR-407][R132]
111	VSDTA114YK/-1	AC		В	Transistor (DTA114YK)	[Q101]
	VSDTA114YK/-1	AC		В	Transistor (DTA114YK)	[AR-407][Q109]
112	VSDTC114EK/-1	AB		В	Transistor (DTC114EK)	[Q106]
113	VSDTC114YK/-1	AC		В	Transistor (DTC114YK)	[Q102,103,105,107]
113	VSDTC114YK/-1	AC		В	Transistor (DTC114YK)	[AR-407][Q108]
114	VSDTC124XK/-1	AB		В	Transistor (DTC124XK)	[Q104]
	VHi28F162A13F	BL	N	В	ICU flash PWB	[100V Series AR-287,337]
200	VHi28F162A14F	BL	N	В	ICU flash PWB	[200V Series AR-287,337]
200	VHi28F162A16F	BL	N	В	ICU flash PWB	[100V Series AR-407]
	VHi28F162A17F	BL	N	В	ICU flash PWB	[200V Series AR-407]
	(Unit)					
	CPWBN1439FC51	DB	N	Е	ICU PWB(without FLASH PWB)	[AR-287]
901	CPWBN1438FC51	DB	N	Е	ICU PWB(without FLASH PWB)	[AR-337]
	CPWBN1438FC52	DB	N	E	ICU PWB(without FLASH PWB)	[AR-407]

44 ICU PWB(AR-507)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
200	VHi28F162A19F	BL	N	В	ICU PWBFLASHPWB(28F162A19F) (100Vseries)
200	VHi28F162A20F	BL	N	В	ICU PWBFLASHPWB(28F162A20F) (200Vseries)
901	CPWBN1437FC53	CZ	N	Е	ICU PWBFLASHPWB(withoutFLASH PWB)

46 Operation control PWB

VHi28F321-03C BS N B Operation flash PWB(28F321-03C) (200V series) 1 VHi28F321-05C BS N B Operation flash PWB(28F321-05C) (100V series) VHi28F321-06C BS N B Operation flash PWB(28F321-06C) (200V series) VHi28F321-09C BS N B Operation flash PWB(28F321-08C) (100V series) VHi28F321-09C BS N B Operation flash PWB(28F321-09C) (200V series) 39 VHDDAN20K/ BS N B Operation flash PWB(28F321-09C) (200V series) 40 VHDDAN20K/ B Diode (DAN202K) [D3,46,10 40 VHDDAN20K/ AB B Diode (DAP202K) [D3,46,10 52 VHi74F32SJ/ B B IC (T4F32SJ) [D 53 VHIHD74LV08AF B IC (HD74LV08AF) [D 55 VHIHD74LV14AF B B IC (HD74LV04FP) 56 VHIHD74LV3AF B B IC (HD74LV3AF) 100 VHIHD74LV3AF B B IC (ICCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	
1	[AR-287,337]
1 V H i 2 8 F 3 2 1 − 0 6 C BS N B Operation flash PWB(28F321-06C) (200V series) V H i 2 8 F 3 2 1 − 0 8 C BS N B Operation flash PWB(28F321-08C) (100V series) V H i 2 8 F 3 2 1 − 0 9 C BS N B Operation flash PWB(28F321-09C) (200V series) 39 V H D D A N 2 0 2 K / − 1 AB B Diode (DAN202K) [D3,4,6,10] 40 V H D D A P 2 0 2 K / − 1 AB B Diode (DAP202K) [D 52 V H i 7 4 F 3 2 S J / − 1 AE B IC (74F32SJ) 53 V H i H D 7 4 L V 0 8 A F AD B IC (HD74LV08AF) 55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 AF N B IC (MM74HCT244)	[AR-287,337]
V H i 2 8 F 3 2 1 − 0 8 C BS N B Operation flash PWB(28F321-08C) (100V series) V H i 2 8 F 3 2 1 − 0 9 C BS N B Operation flash PWB(28F321-09C) (200V series) 39 V H D D A N 2 0 2 K / − 1 AB B Diode (DAN202K) [D3,46,10] 40 V H D D A P 2 0 2 K / − 1 AB B Diode (DAP202K) [D 52 V H i 7 4 F 3 2 S J / − 1 AE B IC (74F32S) 53 V H i H D 7 4 L V 0 8 A F AD B IC (HD74LV08AF) 55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV32AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 AF N B IC (MM74HCT244)	[AR-407]
V H i 2 8 F 3 2 1 − 0 9 C BS N B Operation flash PWB(28F321-09C) (200V series) 39 V H D D A N 2 0 2 K / − 1 AB B Diode (DAN202K) [D3,4,6,10] 40 V H D D A P 2 0 2 K / − 1 AB B Diode (DAP202K) [D 52 V H i 7 4 F 3 2 S J / − 1 AE B IC (74F32SJ) 53 V H i H D 7 4 L V 0 8 A F AD B IC (HD74LV08AF) 55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 AF N B IC (MM74HCT244)	[AR-407]
39 V H D D A N 2 0 2 K / - 1 AB B Diode (DAN202K) [D3,4,6,1(40 V H D D A P 2 0 2 K / - 1 AB B Diode (DAP202K) [D 52 V H i 7 4 F 3 2 S J / - 1 AE B IC (74F32SJ) 53 V H i H D 7 4 L V 0 8 A F AD B IC (HD74LV08AF) 55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM7 4 H C T 2 4 4 A F N B IC (MM74HCT244) (Unit)	[AR-507]
40 V H D D A P 2 0 2 K / - 1 AB B Diode (DAP202K) [D 52 V H i 7 4 F 3 2 S J / - 1 AE B IC (74F32SJ) 53 V H i H D 7 4 L V 0 8 A F AD B IC (HD74LV08AF) 55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 A F N B IC (MM74HCT244) (Unit)	[AR-507]
52 V H i 7 4 F 3 2 S J / - 1 AE B IC (74F32SJ) 53 V H i H D 7 4 L V 0 8 A F AD B IC (HD74LV08AF) 55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 A F N B IC (MM74HCT244) (Unit)	0,11,14,15,18,19]
53 V H i H D 7 4 L V 0 8 A F AD B IC (HD74LV08AF) 55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 A F N B IC (MM74HCT244) (Unit)	1,2,7,8,13,16,17]
55 V H i H D 7 4 L V 0 4 A F AD B IC (HD74LV04FP) 56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 AF N B IC (MM74HCT244) (Unit) (Unit) IC (MM74HCT244)	[IC4]
56 V H i H D 7 4 L V 1 4 A F AD B IC (HD74LV14AF) 100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 AF N B IC (MM74HCT244) (Unit) (Unit) IC (MM74HCT244)	[IC9]
100 V H i H D 7 4 L V 3 2 A F AD B IC (HD74LV32AF) 102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 A F N B IC (IS61C51244) (Unit)	[IC15,18]
102 V H i i S 6 1 C 5 1 2 1 5 AU B IC (IS61C51215) 103 V H i MM 7 4 H C T 2 4 4 AF N B IC (IMM74HCT244) (Unit)	[IC7]
103 V H i MM 7 4 H C T 2 4 4 AF N B IC (MM74HCT244) (Unit)	[IC2]
(Unit)	[IC16,17]
	[IC18]
901 C P W B N 1 4 4 2 F C 3 1 BY N E ICU PWB(without FLASH PWB)	

53 DC Power supply PWB(100V series)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DES	CRIPTION
1	0FT23006212//	AP	IVIAIXIX	В	IC (MB3759M)	[Z [·]
	2 OFT23007529//	AF	N	В	Zener diode RD3.9E-B2	[D768
3	3 0 F T 2 3 0 3 4 1 3 5 / /	AC		С	Screw (3×8)(AP43421-051-04)	•
4	0FT23055159//	AD		В	Transistor (2SC1815-Y)	[Q729
5	0FT23078361//	AH		В	Transistor (2SA1020)	[Q705,Q726
	6 OFT23078876//	AH		В	Diode (RK44)	[D719
	0 F T 2 3 0 8 0 9 8 6 / /	AG		В	Transistor (2SC1815)	[Q701,Q711,Q724
	3 OFT23088421//	AK		С	Chemical capacitor (KME10VB-2200)	[C802,C803,C804,C814
	0 FT23105423//	AE		С	Connector (RT-01N-2.3A)	[TB701,TB702
	0 0 F T 2 3 1 0 7 0 0 0 //	AC	N	В	Diode 1S2076	[D750
	0 F T 2 3 1 3 8 4 2 9 //	AK	NI.	В	Diode (RL2ZP)	[D72]
	2 0 F T 2 3 1 4 4 9 2 5 / / 3 0 F T 2 3 1 4 9 3 6 6 / /	AD AH	N	С	Film capacitor (MMT-224J50)	[C710]
	0 F T 2 3 1 4 9 3 6 6 / /	AN		B C	Transistor (2SC2655-Y) Chemical capacitor (KME35VB-1000)	[Q706,Q72 [C757,C79
	5 0 F T 2 3 1 6 5 1 7 5 //	AH		C	Chemical capacitor (KME35VB-1000) Chemical capacitor (KME35VB-470)	[C757,C79
	6 0 F T 2 3 1 8 8 6 5 5 //	AP		C	Chemical capacitor (KME25VB-470) Chemical capacitor (KME25VB-2200)	[C75
	7 OFT23188663//	AH		C	Chemical capacitor (KME25VB-470)	[C79
	3 0 F T 2 3 1 8 8 7 2 8 //	AP		C	Chemical capacitor (KME35VB-2200)	[C760,C76
	0 FT23195236//	AC		В	Diode (1SS119-14)	[D2,D723,D751,D753,D761,D764,D766,D773,D77
	0 FT23198634//	AF		В	Zener diode (RD6.8ES-B3)	[D76
21	0 F T 2 3 2 2 3 1 1 6 / /	AF		В	Zener diode (RD13ES-B2)	[D75
	0 F T 2 3 2 3 9 8 3 7 / /	AK		С	Chemical capacitor (KME35VB-100FC)	[C713,C725,C77
	3 0 F T 2 3 2 4 6 1 9 1 //	AF		В	Zener diode (RD5.6ES-B2)	[D76
	1 OFT23246205//	AF		В	Zener diode (RD6.2ES-B2)	[D70
	5 0 F T 2 3 2 5 9 1 9 6 //	AK	N	С	Chemical capacitor (KME10VB-470FC)	[C80
	6 0 F T 2 3 2 5 9 2 4 2 / /	AF		С	Chemical capacitor (KME25VB-220FC)	[C82
	7 OFT23259269//	AF		С	Chemical capacitor (KME50VB-1FC)	[C80
_	3 OFT23259285//	AF AH		С	Chemical capacitor (KME50VB-10FC)	[C
	9 0 F T 2 3 2 5 9 3 0 7 / / 0 0 F T 2 3 2 6 2 4 6 4 / /	AU		C	Chemical capacitor (KME63VB-100) Chemical capacitor (KME35VB-3300)	[C73
	0 F T 2 3 2 6 5 4 2 0 //	AE		В	Zener diode (RD24ES-B2)	[D749,D75
	0 F T 2 3 2 8 5 7 5 8 //	AK		В	Diode (RG2A)	[D70]
	3 0 F T 2 3 2 8 7 8 1 5 //	AF		C	Chemical capacitor (KME50VB-22FC)	[D70
	4 0 F T 2 3 2 8 8 1 5 3 //	AE		В	Zener diode (RD27ES-B2)	[D75
	0 F T 2 3 2 9 1 2 3 5 //	AE		В	Zener diode (RD12ES-B3)	[D706,D77
	0 FT23292762//	AL		C	Chemical capacitor (KME50VB-330)	[C79
	0FT23305589//	AK	N	C	Chemical capacitor (KME10VB-100FD)	[C80
38	3 0FT23330605//	AF	N	В	Zener diode (RD18ES-B2)	
	0FT23339823//	AK	N	С	Plate (AP47101-009-05)	•
	0 FT23355705//	AF		В	Zener diode (RD6.8ES-B2)	[D72
	0 F T 2 3 3 7 1 1 5 8 / /	AK		С	Cement resistor (BPR26 2W 0.01ΩK)	[R815,R81
	2 OFT23382060//	AN	N	С	Film capacitor (MMT-105J50)	[C81
	3 0 F T 2 3 3 8 2 0 7 9 //	AG		С	Film capacitor (MMT-224J50)	[C719,C756,C80
	4 OFT23397858//	AK	N	С	Connector (B2P3-VH)	[CN70
	0 F T 2 3 4 0 0 4 3 3 //	AF AN		В	Zener diode (RD3.6ES-B2)	[D76
	6 0 F T 2 3 4 0 5 0 8 7 //	AH		B C	Transistor (2SC3852A)	[Q70 [C72
	7 0 F T 2 3 4 1 2 6 4 4 / / 3 0 F T 2 3 4 1 3 4 0 3 / /	AU		В	Ceramic capacitor (RPE132CH391J50) Rectifier (ESAD92M-03)	[RC703,RC70
	0 F T 2 3 4 1 8 2 0 0 //	AC	N	C	Carbon resistor (RDMF14-FX3.9ΩJ)	[R81
	0 FT23418235//	AC	IN	C	Carbon resistor (RDMF14-FX 6.8ΩJ)	[R81
	0 F T 2 3 4 1 8 3 8 3 //	AC		C	Carbon resistor (RDMF14-FX 100ΩJ)	[R731,R803,R804,R844,R850,R872,R89
_	2 0 F T 2 3 4 1 8 4 2 1 //	AC		C	Carbon resistor (RDMF14-FX 220ΩJ)	[R84
					Carbon resistor (RDMF14-FX 1KΩJ)	[IXO
53	0 F T 2 3 4 1 8 5 1 0 / /	AC		С		R717,R732,R759,R779,R783,R820,R821,R834,R86
54	0 F T 2 3 4 1 8 5 2 9 / /	AC		С	Carbon resistor (RDMF14-FX 1.2KΩJ)	[R78
55	0 F T 2 3 4 1 8 5 3 7 / /	AC		С	Carbon resistor (RDMF14-FX 1.5KΩJ)	[R87
	0 F T 2 3 4 1 8 5 4 5 / /	AC		С	Carbon resistor (RDMF14-FX 1.8KΩJ)	[R85
_	0 F T 2 3 4 1 8 5 5 3 / /	AC		С	Carbon resistor (RDMF14-FX 2.2KΩJ)	[R7,R9,R707,R709,R739,R758,R76
	3 0 F T 2 3 4 1 8 5 8 8 / /	AC		С	Carbon resistor (RDMF14-FX 3.3KΩJ)	[R4,R76
	9 0 F T 2 3 4 1 8 5 9 6 //	AC		С	Carbon resistor (RDMF14-FX 3.9KΩJ)	[R78
	0 0 F T 2 3 4 1 8 6 1 8 / /	AC		C	Carbon resistor (RDMF14-FX 4.7KΩJ)	[R827,R829,R87
_	0 F T 2 3 4 1 8 6 2 6 / /	AC		С	Carbon resistor (RDMF14-FX 5.1KΩJ)	[R73
	2 0 F T 2 3 4 1 8 6 3 4 / /	AC	-	С	Carbon resistor (RDMF14-FX 5.6KΩJ)	[F700 D770 D704 D024 D050 D072 D06
	3 0 F T 2 3 4 1 8 6 6 9 / / 4 0 F T 2 3 4 1 8 6 8 5 / /	AC AC	-	C	Carbon resistor (RDMF14-FX 0ΩJ)	[R706,R778,R781,R831,R859,R873,R90
	0 F T 2 3 4 1 8 6 8 5 / / 5 0 F T 2 3 4 1 8 6 9 3 / /	AC	-	C	Carbon resistor (RDMF14-FX 12KΩJ) Carbon resistor (RDMF14-FX 15KΩJ)	7] PR31
	0 F T 2 3 4 1 8 6 9 3 / /	AC	N	C	Carbon resistor (RDMF14-FX 15KΩJ) Carbon resistor (RDMF14-FX22KΩJ)	
	7 0 F T 2 3 4 1 8 8 0 4 / /	AC	IN	C	Carbon resistor (RDMF14-FX22RΩJ) Carbon resistor (RDMF14-FX 100KΩJ)	[R762,R77
	3 0 F T 2 3 4 1 8 8 2 0 //	AC		C	Carbon resistor (RDMF14-FX 180KΩJ)	[R84
	9 0 F T 2 3 4 1 9 0 0 2 //	AC	N	C	Carbon resistor (RDMF14-FX 150KΩJ)	[R72
	0 FT23419010//	AC	_ ·•	C	Carbon resistor (RDMF14-FX 1MΩJ)	[K72
	0 F T 2 3 4 1 9 4 0 1 //	AC		C	Carbon resistor (RDF14-FB 1KΩJ)	<u></u> R1,F
	2 0 F T 2 3 4 1 9 4 5 2 / /	AC		C	Carbon resistor (RDF14-FB 2.2KΩJ)	
	3 0 F T 2 3 4 1 9 5 8 4 / /	AC	N	C	Carbon resistor (RDF14-FB15KΩJ)	[R73
	1 0 F T 2 3 4 2 3 8 1 6 //	AC		C	Screw (3×8)	į (V)
	5 0 F T 2 3 4 2 9 7 8 4 / /	AU		В	Rectifier (ESAD92M02)	[RC70
	6 0 F T 2 3 4 5 3 8 4 7 / /	AC		C	Screw (3×12)	į. to, c
	0 F T 2 3 4 5 5 7 5 0 //	AF	N	C	Screw (3×14)	
77						
	3 OFT23476820//	AK		С	Cement resistor (BPR56 5W 0.1ΩJ)	[R728,R72

53 DC Power supply PWB(100V series)

NO. PAF	RTS CODE	PRICE RANK		PART RANK	DESCRIPTION
	486192//	AH	MARK N	C	Film capacitor (MMT-474J50) [C
	516261//	AD	IN	C	Metal film resistor (RSMF12B $10\Omega J$)
	537080//	AD		C	Metal film resistor (RSMF12B 2.2ΩJ) [R770,R
	537129//	AD		C	Metal film resistor (RSMF12B 15Ω J)
	537137//	AD		C	Metal film resistor (RSMF12B 22ΩJ) [R734,R735,R
	537226//	AD		C	Metal film resistor (RSMF12B 330 OHMJ)
	539423//	AK		C	Connector (MDF14A-8P-2.5DS)
	555402//	AD		A	Fuse holder (EYF-52LCZ) [F701*,F703*,F705*,F706*,F707*,F708*,F
	562298//	AD	N	C	Metal film resistor (RSMF2SL 1K Ω J) [F
	562336//	AD	N	C	
	562379//	AD	N	C	Metal film resistor (RSMF12SL 10ΩJ) [R Metal film resistor (RSMF12SL 1ΩJ) [R
	562794//	AD	N	C	Metal film resistor (RSMF125L 123) Metal film resistor (RSMF1SL 1 OHMJ)
	562816//	AC	N	C	
	562859//	AD	N	C	
	562875//	AD	N	C	
	563073//	AC	N	C	Metal film resistor (RSMF2SL 22ΩJ) [R753,R
	563278//	AC	N		Metal film resistor (RSMF1SL22K OHMJ) [R702,R
	563278//	AC	IN	C	Metal film resistor (RSMF2SL 15 OHMJ) [R719,R
					Metal film resistor (RSMF2SL 22QJ) [R751,R
	563316//	AC		С	Metal film resistor (RSMF2SL 68ΩJ) [R
	563456//	AC	N	С	Metal film resistor (RSMF2SL10K OHMJ) [R703,F
	563871//	AF	N	С	Metal film resistor (RSMF3SL 47K OHMJ) [R724,R725,R
	593282//	AH		С	Ceramic capacitor (DE506-63R102K250) [C784,C785,C792,C
	601552//	AF	-	В	Diode (1GU42) [D711, D702 D703 D704 D705 D707 D740 D702 D703 D705 D707 D707 D709 D709 D709 D709 D709 D709
	606732//	AD	-	В	Diode (S5688G) [D701,D702,D703,D704,D705,D707,D710,D722,D732,D735,D
	611329//	AK		С	Film capacitor (MMC-104K400) [C723,C811,C
	621944//	AC	N	С	Metal film resistor (RSMF2SL 15OK OHMJ) [F
	637387//	AK	N	С	Screw (APZ46000-003)
	642909//	AH		С	Reactor (CX40357-004) [L710,L
	642917//	BA		С	Reactor (CX40357-005) [L
	644618//	AL		С	Variable resistor (EVM-4LGA00B22) [RV
	644634//	AK		С	Variable resistor (EVM-4LGA00B13) [RV702,RV
	665984//	AU		В	Rectifier (D15XB60) [RC
	671658//	AP		В	IC (UPC78M05AHF) [Z
	697355//	AU		С	Absover (ERZV10D471) [NR
	707598//	AD		С	Metal film resistor (RSMF1RB 22ΩJ) [R749,R
	709604//	AP		В	Rectifier (D15SCA4M) [RC
116 0 F T 2 3	723119//	AL		Α	Fuse (FBT5 AC125V 5A) [PN1,F701,F
	723127//	AK		Α	Fuse (FBT6.3 AC125V 6.3A) [F703,F
118 0 F T 2 3	753085//	ΑF	N	С	Ceramic capacitor (DE0605SL470J2K) [C
119 0 F T 2 3	761118//	AP		Α	Fuse (FBT3) [F707,F
120 0 F T 2 3	764273//	AF	N	С	Ceramic capacitor (DE0705R471K1K) [C717,C718,C732,C740,C
121 0 F T 2 3	765385//	AD		С	Metal film resistor (RSMF1RB $10\Omega J$) [F
122 0 F T 2 3	765407//	AD		С	Metal film resistor (RSMF1RB 1.5KΩJ) [R863,R
123 0 F T 2 3	770273//	AD		С	Metal film resistor (RSMF12B 100K OHMJ) [R701,R711,R
124 0 F T 2 3	779556//	AP		Α	Fuse (AC125V 0.16A) [F
125 0 F T 2 3	783413//	AF		В	Zener diode (RD10ES-B2)
126 0 F T 3 1	656389//	ВА	N	В	Transformer EXT42820-600
	656869//	ВА	N	С	Reactor EXL42850-191B
	001460//	AK		В	Photo coupler (PC123FY) [PC701,PC702,PC
	055250//	AG		С	Terminal (00438 JIS C1100R-1/4H SNPB)
	073631//	AU	N	В	Rectifier F6P20F [RC
	077173//	AK	N	C	Metal film resistor (RSMF1.5K Ω J)
	094493//	AF	N	Č	Capacitor AMC-103K50 [C2,C709,C720,C800,C824,C
	094515//	AF	N	C	Capacitor AMC-472K50
	105347//	AS	.,	В	Traiac (TMG16C60F) [CR
	167288//	AF		C	Ceramic capacitor (DE1007E222M-KH) [C702,C703,C
	183100//	AZ	N	В	IC (UPC2412AHF) [7
					Ceramic capacitor (DE0905R102K1KV)
137 0 F T 3 3	185553//	AF	N	С	[C744,C745,C746,C747,C748,C749,C750,C751,C772,C773,C794,C
138 0 F T 3 3	283725//	AF	N	С	Film capacitor (AMC-103K50) [C712,C722,C
	283733//	AP	N	C	Capacitor AMC-47350
	293976//	AF	IN	C	Ceramic capacitor (DD104-63CH470J50) [C
	322070//	AU	1	C	Connector (B26B-XADSS-F) [CN
	322070//	AU	1	C	Connector (B30B-XADSS-F) [CN
	322089//	AU		C	Connector (B34B-XADSS-F) [CN
	385005//	AU	N	В	IC (UPC2933HF) [Z
	408188//	AZ	N N		FET 2SK2368 [Q702,Q703,C
	440960//	AZ	N	B B	FET 25K2308
	441592//	AP	N N		
		AP		С	Film capacitor (ECQU2A105ML) [C
	441614//		N	С	Film capacitor (ECQU2A474ML) [C
	452462//	AU	N	С	Tubu (45H-DIA13.5-30)
	463855//	AP	N	С	Cement resistor (MEG05N6R8JB135 5W6.8OHMJ) [R714,R
	477015//	BA	N	С	Chemical capacitor (HU42D122MRZ) [C714,C
	477031//	BA	N	С	Reactor (S5688G) [L
	477058//	BA	N	С	Reactor LF-25-25280 [L701,L
	479646//	AZ	N	В	FET 2SK2368 [C
	486898//	BA	N	С	Fin (APH34200-524)
	486928//	AK	N	С	Plate
	486944//	AX	N	С	Fin (APH34200-523)
158 0 F T 3 3	487398//	BF	N	С	Chassis

53 DC Power supply PWB(100V series)

NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
	(Unit)				
901	CPWBF1419FC31	СВ	N	Е	DC Power supply PWB(100V series)

54 DC Power supply PWB200Vseries(and 100V series AR-287,337)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
257	0FT23644618//	ΑL	N	В	Meta film resistor (EVM-4LGA00B22K Ω) [R701]
258	0FT23537226//	AD	N	В	Meta film resistor (RSMF12B330 Ω [R721]
	(Unit)				
004	CPWBF1419FC31	CB	N	E	DC power supply PWB (100V series ar-287,337,407)
901	CPWBF1287FC32	СВ	N	Е	DC power supply PWB (200V series)

63 RSPF 2(AR-507)

NO.	PARTS CODE	PRICE RANK	PART RANK	DESCRIPTION
1	0CW2254P049C/	AG	D	Jam cover lever

64 RSPF 3(AR-507)

NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
1	0 C W 2 2 5 4 K 0 0 3 C /	ΑU		С	Front plate
18	0CW2254P114E/	ΑT	N	С	Delivery guide

65 RSPF 4(AR-507)

	· '			
NO.	PARTS CODE	PRICE RANK	PART RANK	DESCRIPTION
16	0CW2254P047B/	AF	С	Coupling
60	0CW2254P496//	ΑE	С	Bearing
61	0 C W 2 2 5 4 K 5 2 1 //	AG	С	Earth wire

66 RSPF 5(AR-507)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
78	0CW2254P330B/	ΑE		С	PM pressure spring
127	0CW2254K530H/	CA		Е	PBA-Control PWB
140	0CW4048P300//	AC		С	Screw
	I				

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■ Index					
PARTS CODE	NO.	PRICE	NEW	PART	
	IVO.	RANK	MARK	RANK	
[C]	4 40			_	
CCAB-0888FC62	1- 10	BD	N	E	
CCAB-0888FC63 CCAB-0888FC64	1- 10	BD	N	E	
	1- 10	BD	N	E	
CCAB-0888FC65	1- 10	BD	N	E	
CCAB-0927FC41 CCAB-0927FC42	1- 10	BB BB	N	E	
CCAB-0927FC42	1- 10	BB	N	E	
CCAB-0927FC44 CCAB-0927FC45	1- 10	BB	N	E	
CFRM-0953FC02	1- 10 17- 23	AS	N N	E	
Ci NSE1949FC51	39- 37	AZ	N	C D	
CiNSE1950FC51	39- 37	AP	N	D	
CiNSE1951FC51	39- 37	BB	N	D	
CiNSE19511C51	39- 37	BB	N	D	
CiNSE1977FC51	39- 37	AZ	N	D	
CiNSE1978FC51	39- 39	AQ	N	D	
CiNSE1979FC51	39- 37	BA	N	D	
CiNSE1982FC51	39- 37	BB	N	D	
CiNSF1952FC51	39- 37	BE	N	D	
CiNSF1980FC51	39- 37	BE	N	D	
CiNSG1953FC51	39- 37	BE	N	D	
CiNSG1981FC51	39- 37	BE	N	D	
CiNSR1959FC51	39- 37	BE	N	D	
CiNSR1987FC51	39- 37	BE	N	D	
CiNSS1955FC51	39- 37	BE	N	D	
CiNSS1983FC51	39- 37	BE	N	D	
CiNSZ1960FC51	39- 37	BE	N	D	
CiNSZ1988FC51	39- 37	BE	N	D	
CPAKA5760FC32	39- 7	BE	N	D	
CPLTM5400FC01	10- 32	AP		C	
CPLTM5401FC02	10- 32	AY		C	
CPLTM5435FC02	6- 33	AN		C	
CPNLC0242FC03	3- 33	AU		D	
CPNLC0242FC06	3- 33	ΑT		D	
CPWBF1287FC32	54-901	СВ	N	E	
CPWBF1419FC31	53-901	СВ	N	Ē	
"	54-901	СВ	N	E	
CPWBN1418FC52	9- 79	BQ	N	Е	
CPWBN1437FC53	5- 53	CZ	N	Е	
//	44-901	CZ	N	Е	
CPWBN1438FC51	43-901	DB	N	Е	
CPWBN1438FC52	5- 53	DB	N	Е	
//	43-901	DB	N	Е	
CPWBN1439FC51	5- 53	DB	N	Е	
"	43-901	DB	N	Е	
CPWBN1440FC31	40-901	BY	N	Е	
CPWBN1441FC31	41-901	BY	N	Е	
CPWBN1442FC31	3- 2	BY	N	Е	
//	46-901	BY	N	Е	
CPWMN1438FC51	5- 53	DB	N	Е	
[D]					
DHAi-2904FC12	11- 25	AM	N	С	
DHAi-3070FCZZ	10- 44	BY		С	
DHAi-3090FCZZ	10- 44	AP		С	
DHAi-3133FCZZ	5- 31	AT	N	С	
DHAi-3134FCZZ	5- 31	AS	N	С	
DUNT-6984FC23	9- 2	СТ	N	E	
DUNT-6984FC24	9- 2	CT	N	E	
DUNT-6984FC31	9- 2	CU	N	E	
DUNT-7051FCZZ	5- 67	CC	N	E	
DUNTW6931FC23	16-901	CC	N	E	
//	17-901	CC	N	E	
DUNTW6931FC24	16-901	CC	N	E	
//	17-901	CC	N	E	
DUNTW6931FC25	16-901	CC	N	E	
//	17-901	CC	N	E	
DUNTW6931FC44	16-901	CC	N	E	
//	17-901	CC	N	E	
DUNTW6931FC45	16-901	CC	N	E	
//	17-901	СС	N	Е	
[G]	0 10	A 147	A 1	-	
GCAB-0933FCZZ	2- 19	AW	N	D	
[H]	0.00	A >/		_	
HPNLC0241FCZZ	3- 28	AX		D	
HPNLH0238FCZ1	3- 9	BF		D	
[L]	40 01	4.0		_	
LDAiU0615FCZZ	12- 21	AG	N	C	
LPLTM5398FCZ2	11- 14	AR AN		С	
LPLTM5430FCZ1	6- 45	AIN		С	

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
LPLTM5666FCZ1	10- 50	AF		С	
LPLTM5666FCZZ	10- 49	AG		С	
LSUPP0060FCZZ	11- 15	AA		С	
LX-NZ0032FCZZ	43- 1	AA		С	
[N]					
NFANP0048FCZZ	9- 51	AY		В	
NFANP0060FCZZ	9- 51	AX		В	
NFLY-0010FCZZ	12- 10	AN		С	
[P]				_	
PCŌVP1454FCZ1 PCŌVP1518FCZZ	5- 4	AN		С	
PCOVP1518FCZZ PCOVW0829FCZZ	5- 10	AE		D	
PCUSS0369FCZZ	43- 2	AC AF		D	
PCUSS0371FCZZ	5- 92 5- 91	AE	N	C	
PSHEP4812FCZZ	3- 8	AR	N	C	
PSHEP4816FCZ1	3- 37	AE	N	С	
"	39- 41	AE	N	С	
PSHEP4816FCZ2	3- 37	ΑE	N	C	
//	39- 41	ΑE	N	C	
PSHEP4816FCZ3	3- 37	ΑE	N	C	
"	39- 41	ΑE	N	C	
PSHEP4816FCZZ	3- 37	ΑE	N	С	
//	39- 41	ΑE	N	С	
PSHEP4817FCZ1	3- 37	AE	N	С	
"	39- 41	ΑE	N	С	
PSHEP4817FCZ2	3- 37	ΑE	N	С	
//	39- 41	ΑE	N	С	
PSHEP4817FCZ3	3- 37	AE	N	D	
//	39- 41	AE	N	D	
PSHEP4817FCZZ	3- 37	AE	N	С	
// DOUED 4 0 1 0 E 0 7 1	39- 41	AE	N	С	
PSHEP4818FCZ1	3- 27	AH	N	С	
**	39- 41	AE	N	С	
PSHEP4818FCZ2	3- 27	AE AE	N N	С	
PSHEP4818FCZ3	39- 41 3- 27	AE	N	C	
// // // // // // // // // // // // //	39- 41	AE	N	C	
PSHEP4818FCZZ	3- 27	AH	N	С	
"	39- 41	AE	N	С	
PSHEP4851FCZZ	9- 95	AB	N	C	
PSHEZ4819FCZ1	3- 27	AH	N	C	
//	39- 41	AH	N	C	
PSHEZ4819FCZ2	3- 27	AH	N	С	
"	39- 41	AH	N	С	
PSHEZ4819FCZ3	3- 27	AH	N	С	
//	39- 41	AH	N	С	
PSHEZ4819FCZZ	3- 27	AH	N	C	
"	39- 41	AH	N	С	
PSPAZ1413FCZZ	43- 3	AC		С	
[Q]					
QACCR7421QCZZ	11- 24	AY		С	
QCNCM0972FCZZ	43- 4	AH		С	
QCNCM0974FCZZ QCNCM0990FCZZ	43- 5 43- 6	AK AE		С	
QCNCM0990FCZZ QCNCM0991FCZZ	43- 6 43- 7	AG		C	
QCNCM0991FCZZ QCNCM0998FCZZ	43- 7	AF		C	
QCNCM1015FCZZ	43- 8	AG		C	
QCNCW1020FCZZ	43- 10	AF		C	
QCNCW1046FCZZ	43- 11	AK		C	
QPLGA0005QCZZ	11- 24	AN	N	В	
QSOCZ0073FCZZ	40- 11	AL		C	
//	43- 12	AL		С	
QSOCZ6428ACZZ	43- 13	ΑE		С	
[R]					
RC-KZ1054CCN2	43- 14	AB		С	
RCiLF0080FCZZ	43- 15	AC		С	
RCORF0030FCZZ	5- 90	AM		С	
RCORF 5 0 1 0 BCZZ	5- 84	AD		С	
RCORF 6 6 9 3 RCZZ	5- 85	AK		C	
RCRS-0049FCZZ	43- 16	AP		В	
RCRS-0050FCZZ RCRS-0051FCZZ	43- 16	AP AP		В	
RCRS-0051FCZZ	43- 17 43- 17	AP		B	
RCRS-0052FCZZ	43- 17	AP		B B	
RCRS-0056FCZZ	43- 19	AP		В	
RCRS-0064FCZZ	43- 19	AP	N	В	
RCRS-0065FCZZ	43- 20	AP	N	В	
RCRSP6676RCZZ	43- 21	AG		В	
RF i LN6012RCZZ	43- 22	AB		С	
RFiLN6013RCZZ	43- 23	AB		C	
RFiLZ0028FCZZ	43- 24	AD		C	
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FRISCOUDE NO. RANK MARK RANK FRILZONS JECZZ 43-25 AC B RMPTMOD 34 FCZZ 43-25 AC B RMPTMOD 34 FCZZ 43-27 AC B RMPTMOD 34 FCZZ 43-27 AC B RMPTMOD 34 FCZZ 39-2 AX N D SPAKA589 SFCZZ 39-2 AX N D SPAKA589 SFCZZ 39-2 AW N D SPAKA6063 FCZI 39-2 AW N D SPAKA6063 FCZI 39-1 BC N D SPAKA6074 FCZZ 39-12 AG N D SPAKA6081 FCZI 39-1 BC N D SPAKA6082 FCZI 39-1 BC N D SPAKA6082 FCZI 39-1 BC N D SPAKA6082 FCZI 39-1 BC N D SPAKA6083 FCZI 39-1 BC N D SPAKA6083 FCZI 39-1 BC N D SPAKA6083 FCZI 39-1 BC N D SPAKA6084 FCZI 39-1 BD N D TCADZO19 80SZZ 39-42 AF D TCADZO19 80SZZ 39-42 AF D TCADZO19 80SZZ 39-43 AE D TCADZO19 80SZZ 39-43 AE D TCADZO19 10CZA 39-36 AE D TCADZO19 10CZA 39-35 AK C TLABH4410 FCZ 39-52 AH C TLABH4410 FCZ 39-52 AH C TLABH4411 FCZZ 39-52 AF D TCADZO19 10CZA 39-36 AE D TCADZO19 10CZA 39-36			DDIOE	NIEVA	DADT	I
RFILZO032FCZZ	PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
RNPTMO034FCZZ	RFiLZ0032FCZZ	43- 25				
SPAKAS99FCZZ	RMPTC4220QCJJ	43- 26	AC		В	
SPAKASB9SFCZZ		43- 27	AC		В	
SPAKA5896FCZZ		20 0	A V	N.	_	
SPAKA5962FCZ1				N		
SPAKA5963FCZ1				N		
SPAK66081FC11 39-1 BC N D SPAKC6081FC11 39-1 BC N D SPAKC6081FC13 39-1 BC N D SPAKC6081FC15 39-1 BC N D SPAKC6082FC17 39-1 BC N D SPAKC6082FC17 39-1 BC N D SPAKC6082FC12 39-1 BC N D SPAKC6082FC17 39-1 BC N D SPAKC6082FC17 39-1 BC N D SPAKC6082FC17 39-1 BC N D SPAKC6082FC27 39-1 BD N D SPAKC6083FC11 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6084FC27 39-1 BD N D SPAKC6084FC27 39-3 AC D TCADZ0098QS27 39-42 AF D TCADZ0098QS27 39-42 AF D TCADZ0010C2A 39-36 AE D TCADZ0010C2A 39-52 AH C TLABH4410FC27 39-52 AK C TLABH4410FC27 39-51 AK C TLABH4410FC27 39-51 AK C TLABH4410FC27 39-51 AK C TLABH4410FC27 39-50 AE D TCADZ0010V000000000000000000000000000000000						
SPAKC6081FC12 39-1 BC N D SPAKC6081FC13 39-1 BC N D SPAKC6081FC15 39-1 BC N D SPAKC6081FC15 39-1 BC N D SPAKC6081FC15 39-1 BC N D SPAKC6081FC12 39-1 BC N D SPAKC6082FC11 39-1 BC N D SPAKC6082FC12 39-1 BC N D SPAKC6083FC11 39-1 BD N D SPAKC6083FC11 39-1 BD N D SPAKC6083FC11 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6084FC2Z 39-1 BD N D SPAKC6084FC2Z 39-1 BD N D SPAKC6084FC2Z 39-42 AF D TCADZ0098GSZZ 39-42 AF D TCADZ0010CZA 39-36 AE D TCADZ0010CZA 39-36 AE D TCADZ0010CZA 39-36 AE D TCADZ0010CZA 39-36 AE D TCADZ1010CZA 39-52 AH C TLABH4410FC2Z 39-50 AE D TLABH4410FC2Z 39-50 AE D TLABH4410FC2Z 39-50 AE D UCCCTV1HH80DJ 43-29 AA C VCCCTV1HH80DJ 43-29 AA C VCCCAJUJUNO2ZMM 43-31 AD C VCCAJUJUNO2ZMM 43-33 AD C VCEAJUJUNU2ZMM 43-33 AD C VCEAJUJUNU3ZMM 43-34 AB C VCEAJUJUNU3ZMM 43-35 AB C VCEAJUJUNU3ZMM 43-36 AB C VCEAJUJUNU3ZMM	SPAKA6074FCZZ		AG			
SPAKC6081FC13 39-1 BC N D SPAKC6081FC15 39-1 BC N D SPAKC6081FC15 39-1 BC N D SPAKC6081FC12 39-1 BC N D SPAKC6082FC12 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6084FC22 39-1 BD N D SPAKC6084FC22 39-1 BD N D SPAKC6084FC22 39-3 AM D TCADS0649FC22 39-42 AF D TCADS0649FC22 39-42 AF D TCADS0649FC22 39-42 AF D TCADZ0098GSZZ 39-42 AF D TCADZ0010CZA 39-36 AE D TCADZ20010CZA 39-36 AE D TCADZ20010CZA 39-36 AE D TCADZ20010CZA 39-36 AE D TCADZ20010CZA 39-51 AK C TLABH4259FC2Z 39-52 AH C TLABH4259FC2Z 39-53 AK D TCADZ2037CZZ 43-28 AK B U U UBATL2033SCZZ 43-28 AK B U U USATL2033SCZZ 43-28 AK B U U U U U U U U U	SPAKC6081FC11	39- 1	ВС	N	D	
SPAKC6081FC14 39-1 BC N D SPAKC6081FC12 39-1 BC N D SPAKC6082FC11 39-1 BC N D SPAKC6082FC11 39-1 BC N D SPAKC6082FC12 39-1 BC N D SPAKC6082FC12 39-1 BC N D SPAKC6082FC12 39-1 BC N D SPAKC6083FC11 39-1 BD N D SPAKC6083FC12 39-1 BD N D SPAKC6084FC2Z 39-1 BD N D SPAKC6084FC2Z 39-1 BD N D SPAKC6084FC2Z 39-36 AM D TCADZ0098QSZ 39-42 AF D TCADZ0098QSZ 39-42 AF D TCADZ0019GCZA 39-36 AE D TCADZ0019GCZA 39-36 AE D TCADZ0010CZA 39-36 AE D TCADZ0010CZA 39-36 AE D TCADZ0010CZA 39-36 AE D TCADZ0010CZA 39-42 AC D TLABH4410FC2Z 39-51 AK C TLABH4410FC2Z 39-52 AH C TLABH4410FC2Z 39-51 AK C TLABH4410FC2Z 39-50 AE D U UBATL2033SCZZ 43-28 AK B U U U U U U U U U						
SPAKC6081FC15 39- 1 BC N D SPAKC6081FC2Z 39- 1 BC N D SPAKC6082FC11 39- 1 BC N D SPAKC6082FC12 39- 1 BC N D SPAKC6082FC12 39- 1 BC N D SPAKC6082FC12 39- 1 BC N D SPAKC6083FC12 39- 1 BD N D SPAKC6083FC12 39- 1 BD N D SPAKC6083FC12 39- 1 BD N D SPAKC6084FC2Z 39- 38- AM D TCAD20980SZ 39- 42 AF D TCAD21442FC2Z 39- 43 AE D TCAD21442FC2Z 39- 43 AE D TCAD21442FC2Z 39- 42 AF D TCAD21442FC2Z 39- 51 AK C TLABH4410FC2Z 39- 51 AK C TLABH4410FC2Z 39- 51 AK C TLABH4410FC2Z 39- 51 AK C TLABH4411FC2Z 39- 51 AK C TLABH4411FC2Z 39- 50 AE D U UBATL2033SCZZ 43- 28 AK B U VCCCTV1HH300J 43- 39 AA C VCEA2UJW108M 43- 31 AD C VCEAJUJW107M 43- 33 AD C VCEAJUJW27M 43- 33 AD C VCEAJUJW27M 43- 33 AB C VCEAJUJW27M 43- 34 AB C VCEAJUJW335M 43- 36 AC C VCEAJUJW335M 43- 39 AA C VCEAJUJW335M 43- 34 AB C VCEAJUJW335M 43- 36 AC C VCEA						
SPAKC6081FCZZ						
SPAKC6082FC11 39- 1 BC						
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TCADZ1442FCZZ 39-43 AE D TCADZ2001QCZA 39-6A AE D TGANE1001QCZB 39-42 AC D TAGNE1001QCZB 39-42 AC D TAGNE1001QCZB 39-52 AH C TAGNE101QCZB 39-52 AH C TLABH4259FCZZ 39-50 AE D D TLABH4411FCZZ 39-50 AE D D TLABH4411FCZZ 39-50 AE D D TLABH4411FCZZ 39-50 AE D D TAGNE102 AC T						
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VCEA2U1CW477M 43- 32 AD C VCEA2U1VW227M 43- 33 AD C VCEAJU0JW107M 43- 34 AB C VCEAJU0JW226M 43- 35 AB C VCEAJU1HW105M 43- 36 AC C VCEAJU1HW335M 43- 38 AB C VCKYTV1HB102K 43- 39 AA C VCKYTV1HF103Z 43- 40 AA C VCKYTV1HF104Z 43- 41 AA C VCKYTV1HF1223Z 43- 42 AA C VKOXYTV1HF223Z 43- 42 AA C VKDDAN202K/-1 46- 39 AB B VHDDAN217//-1 43- 43 AC B VHDDAP202K/-1 46- 40 AB B VHDDRS133HV-1 43- 45 AA B VHDRB160L40-1 43- 46 AD B VHERZ56A1//-1 43- 49 AC B VHERZ56A1//-1 43- 49 AC B	VCCCTV1HH6R0D		AA			
VCEA2U1VW227M 43- 33 AD C VCEAJU0JW107M 43- 34 AB C VCEAJU0JW226M 43- 35 AB C VCEAJU0JW337M 43- 36 AC C VCEAJU1HW105M 43- 37 AB C VCEAJU1HW335M 43- 38 AB C VCKYTV1HB102K 43- 39 AA C VCKYTV1HF103Z 43- 40 AA C VCKYTV1HF104Z 43- 41 AA C VCKYTV1HF104Z 43- 41 AA C VCKYTV1HF23Z 43- 42 AA C VHDDAN202K/-1 46- 39 AB B VHDDAN217//-1 43- 43 AC B VHDDSS133HV-1 43- 44 AB B VHDDSS133HV-1 43- 45 AA B VHDBS160L40-1 43- 46 AD B VHDRB160L40-1 43- 48 AC B VHDRB160L40-1 43- 48 AC B	VCEA2U0JW108M	43- 31	AD		С	
VCEAJUOJW107M 43- 34 AB C VCEAJUOJW226M 43- 35 AB C VCEAJUOJW337M 43- 36 AC C VCEAJUHW105M 43- 37 AB C VCEAJUHW335M 43- 38 AB C VCKYTV1HB102K 43- 39 AA C VCKYTV1HF104Z 43- 40 AA C VCKYTV1HF223Z 43- 42 AA C VCKYTV1HF223Z 43- 42 AA C VCKYTV1HF223Z 43- 42 AA C VHDDAN202K/-1 43- 39 AB B VHDDAN217/-1-1 43- 44 AB B VHDDAN217/-1-1 43- 44 AB B VHDDAS1333HV-1 43- 45 AA B VHDDRS104010-1 43- 45 AA B VHDRB160L40-1 43- 46 AD B VHDRB160L40-1 43- 48 AC B VHEHZS5A1//-1 43- 48 AC B						
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VCEAJU1HW335M 43-38 AB C VCKYTV1HB102K 43-39 AA C VCKYTV1HF103Z 43-40 AA C VCKYTV1HF104Z 43-41 AA C VCKYTV1HF223Z 43-42 AA C VHDDAN202K/-1 46-39 AB B VHDDAN217//-1 43-43 AC B VHDDAN217//-1 43-43 AC B VHDDAP202K/-1 43-44 AB B VHDDSS133HV-1 43-45 AA B VHDRB160L40-1 43-45 AA B VHDRB411D//-1 43-47 AD B VHERZ55A1//-1 43-48 AC B VHERZ56A1//-1 43-48 AC B VHERD22FB//-1 41-37 AD B VHi28F161A20C 40-1 BE N VHi28F161A21C 40-1 BE N VHi28F161A26C 41-1 BE N VHi28F162A						
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VHi28F161A21C 40-1 BE N B VHi28F161A23C 40-1 BE N B VHi28F161A24C 40-1 BE N B VHi28F161A24C 40-1 BE N B VHi28F161A26C 41-1 BE N B VHi28F161A27C 41-1 BE N B VHi28F162A13F 43-200 BL N B VHi28F162A14F 43-200 BL N B VHi28F162A16F 43-200 BL N B VHi28F162A17F 43-200 BL N B VHi28F162A19F 44-200 BL N B VHi28F321-02C 46-1 BS N B VHi28F321-02C 46-1 BS N B VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS				N		
VHi28F161A23C 40-1 BE N B VHi28F161A24C 40-1 BE N B VHi28F161A26C 41-1 BE N B VHi28F161A27C 41-1 BE N B VHi28F161A27C 41-1 BE N B VHi28F162A13F 43-200 BL N B VHi28F162A14F 43-200 BL N B VHi28F162A17F 43-200 BL N B VHi28F162A19F 44-200 BL N B VHi28F321-02C 46-1 BS N B VHi28F321-03C 46-1 BS N B VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-08C 46-1 BS						
VHi28F161A26C 41- 1 BE N B VHi28F161A27C 41- 1 BE N B VHi28F162A13F 43-200 BL N B VHi28F162A14F 43-200 BL N B VHi28F162A16F 43-200 BL N B VHi28F162A19F 43-200 BL N B VHi28F162A19F 44-200 BL N B VHi28F321-02C 46- 1 BS N B VHi28F321-03C 46- 1 BS N B VHi28F321-05C 46- 1 BS N B VHi28F321-06C 46- 1 BS N B VHi28F321-06C 46- 1 BS N B VHi28F321-08C 46- 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
VHi28F161A27C 41- 1 BE N B VHi28F162A13F 43-200 BL N B VHi28F162A14F 43-200 BL N B VHi28F162A16F 43-200 BL N B VHi28F162A17F 43-200 BL N B VHi28F162A19F 44-200 BL N B VHi28F162A20F 44-200 BL N B VHi28F321-02C 46- 1 BS N B VHi28F321-05C 46- 1 BS N B VHi28F321-05C 46- 1 BS N B VHi28F321-06C 46- 1 BS N B VHi28F321-08C 46- 1 BS N B VHi28F321-09C 46- 1 BS N B VHi28F321-08C 46- 1 BS N B VHi28F321-08C 46- 1 BS N B VHi28F321-08C 46- 1 <t< td=""><td>VHi28F161A24C</td><td></td><td>BE</td><td></td><td></td><td></td></t<>	VHi28F161A24C		BE			
VHi28F162A13F 43-200 BL N B VHi28F162A14F 43-200 BL N B VHi28F162A16F 43-200 BL N B VHi28F162A17F 43-200 BL N B VHi28F162A19F 44-200 BL N B VHi28F162A20F 44-200 BL N B VHi28F321-02C 46-1 BS N B VHi28F321-03C 46-1 BS N B VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-09C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi74AC08SJX/ 43-50 AE N B VHi74AC18SCX 43-51 AE N B VHi74ACT32SCX 43-53 AD <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
VHi28F162A14F 43-200 BL N B VHi28F162A16F 43-200 BL N B VHi28F162A17F 43-200 BL N B VHi28F162A19F 44-200 BL N B VHi28F162A20F 44-200 BL N B VHi28F321-02C 46-1 BS N B VHi28F321-03C 46-1 BS N B VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-09C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi74AC04SJX/ 43-50 AE N B VHi74AC08SJX/ 43-51 AE N B VHi774ACT32SCX 43-53 AD <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
VHi28F162A16F 43-200 BL N B VHi28F162A17F 43-200 BL N B VHi28F162A19F 44-200 BL N B VHi28F162A20F 44-200 BL N B VHi28F321-02C 46-1 BS N B VHi28F321-03C 46-1 BS N B VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-09C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi74AC04SJX/ 43-50 AE N B VHi74AC08SJX/ 43-51 AE N B VHi74ACT32SCX 43-53 AD N B VHi74F32SJ/-1 46-52 AE B						
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VHi28F162A19F 44-200 BL N B VHi28F162A20F 44-200 BL N B VHi28F321-02C 46-1 BS N B VHi28F321-03C 46-1 BS N B VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-09C 46-1 BS N B VHi74AC04SJX/ 43-50 AE N B VHi74AC08SJX/ 43-51 AE N B VHi74ACT32SCX 43-53 AD N B VHi74F32SJ/-1 46-52 AE B B						
VHi28F162A20F 44-200 BL N B VHi28F321-02C 46-1 BS N B VHi28F321-03C 46-1 BS N B VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-09C 46-1 BS N B VHi28F321-09C 46-1 BS N B VHi74AC04SJX/ 43-50 AE N B VHi74AC08SJX/ 43-51 AE N B VHi74ACT32SCX 43-53 AD N B VHi74F32SJ/-1 46-52 AE B						
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VHi28F321-05C 46-1 BS N B VHi28F321-06C 46-1 BS N B VHi28F321-08C 46-1 BS N B VHi28F321-09C 46-1 BS N B VHi74AC04SJX/ 43-50 AE N B VHi74AC08SJX/ 43-51 AE N B VHi74ACT08SCX 43-52 AE N B VHi74ACT32SCX 43-53 AD N B VHi74F32SJ/-1 46-52 AE B	VHi28F321-02C		BS			
VHi28F321-06C 46- 1 BS N B VHi28F321-08C 46- 1 BS N B VHi28F321-09C 46- 1 BS N B VHi74AC04SJX/ 43- 50 AE N B VHi74AC08SJX/ 43- 51 AE N B VHi74ACT08SCX 43- 52 AE N B VHi74ACT32SCX 43- 53 AD N B VHi74F32SJ/-1 46- 52 AE B						
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VHi74AC08SJX/ 43-51 AE N B VHi74ACT08SCX 43-52 AE N B VHi74ACT32SCX 43-53 AD N B VHi74F32SJ/-1 46-52 AE B						
VHi74ACT08SCX 43-52 AE N B VHi74ACT32SCX 43-53 AD N B VHi74F32SJ/-1 46-52 AE B						
VHi74ACT32SCX 43-53 AD N B VHi74F32SJ/-1 46-52 AE B						
	VHi74ACT32SCX	43- 53	AD			
IVHI/4VHCI04-1 41-53 AF B						
	VHi74VHCT04-1	41- 53	AF		В	

PARTS CODE	NO.	PRICE	NEW	PART	
	_	RANK	MARK	RANK	
VHi74VHCT08AJ	43- 54	AD	N	В	
VHi74VHCT240X	43- 55	AF	N	В	
VHi74VHCT244X	43- 56	ΑF	N	В	
VHi74VHCT245X	43- 57	AF	N	В	
VH i AT 28 C 6 4 B - 1	43- 58	ΑZ		В	
VHiD65806GL-1	43- 59	BK		В	
VHiD65808GL-1	43- 60	BM		В	
VHiD65948GL-1	43- 61	ВН		В	
VHiD82165GC-1	43- 62	BE		В	
VH i D82355GN-1	43- 63	BS		В	
VHiD82356GN-1	43- 64	BS		В	
VHiDM74ALS574	43- 65	AK	N	В	
VHiDM74AE3374	43- 66	AF	N	В	
VH i DM7 4 A S 1 5 7 M	43- 67	AL			
			N	В	
VH i DM74AS74MX	43- 68	AG	N	В	
VHiDS90C401-1	43- 69	AU		В	
VH i HD74LV04AF	46- 55	AD		В	
VHiHD74LV08AF	46- 53	AD		В	
VHiHD74LV14AF	46- 56	AD		В	
VHiHD74LV32AF	40- 54	AD		В	
<i>"</i>	41- 54	AD		В	
//	46-100	AD		В	
VHiiS61C25612	43- 70	AN		В	
VHiiS61C51215	40- 42	AU		В	
"	41- 40	ΑU		В	
"	46-102	AU		В	
VHiLH537C0G-1	43- 71	ВС		В	
VH i LM339NS/-1	43- 72	AD		В	
VHILZ9AT36/-1	43- 73	BB		В	
VH i M66235FP-1	43- 74	AT		В	
VH i MB 8 6 6 0 4 L - 1	43- 75	BC		В	
VH i MCF 5 2 0 2 P 2 5	43- 75	BG		В	
VH i MM7 4HC138S		AE	NI		
	41- 45		N	В	
VH i MM7 4HC151S	41- 46	AE	N	В	
VH i MM74HCT244	46-103	AF	N	В	
VH i NJU6356E-1	43- 77	AK		В	
VHiS61C102415	43- 78	AV	N	В	
VHiSD6416-100	43- 79	BG		В	
VHiTD62503F/-	43- 80	AG		В	
VH i XL i 2050X-1	43- 81	BQ		В	
VHPMVR3864K-J	43- 82	AC		В	
VRS-RE3LA201J	41-106	AC	N	В	
VRS-RE3LA241J	41-107	AC	Ν	В	
VRS-TS2AD000J	43- 83	AA		С	
VRS-TS2AD101J	43- 84	AΑ		C	
VRS-TS2AD102J	43- 85	AA		С	
VRS-TS2AD103J	43- 86	AA		C	
VRS-TS2AD105J	43- 87	AA		C	
VRS-TS2AD122J	43- 88	AA		C	
VRS-TS2AD151J	43- 89	AA		0	
VRS-TS2AD200J	43- 90	AA		С	
VRS-TS2AD2003	43- 90	AA		C	
VRS-TS2AD221J		AA			
VRS-TS2AD221J	43- 92			C	
	43- 93	AA			
VRS-TS2AD223J	43- 94	AA		С	
VRS-TS2AD224J	43- 95	AA		С	
VRS-TS2AD301J	43- 96	AA		С	
VRS-TS2AD331J	43- 97	AA		С	
VRS-TS2AD363J	43- 98	AA		С	
VRS-TS2AD391J	43- 99	AA		С	
VRS-TS2AD393J	43-100	AA		С	
VRS-TS2AD472J	43-101	AA		С	
VRS-TS2AD562J	43-102	AA		С	
VRS-TS2AD683J	43-103	AA		С	
VRS-TS2AD820J	43-104	AA		С	
VRS-TS2AD911J	43-105	AA		С	
VRS-TS2AD913J	43-106	AA		C	
VRS-TW2ED221J	43-107	AA		C	
VRS-TW2ED331J	43-108	AA		C	
VRSTS2AD2940F	43-109	AA		С	
VRSTS2AD3570F	43-109	AA		С	
VSDTA114YK/-1	43-110	AC		В	
VSDTC114EK/-1		AB			
// // // // // // // // // // // // //	40-101	AB		В	
"	41-105			В	
	43-112	AB		В	
VSDTC114YK/-1	43-113	AC		В	
VSDTC124XK/-1	43-114	AB		В	
[X]					
XHBSE40P08000	12- 22	AA		С	
[0]					
0CW2254K003C/	64- 1	ΑU		С	

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0CW2254K521//	65- 61	AG		С	
0CW2254K530H/	66-127	CA		Е	
0CW2254P047B/	65- 16	AF		С	
0CW2254P049C/ 0CW2254P114E/	63- 1 64- 18	AG AT	N	D C	
0CW2254P114E/	66- 78	AE	IN	C	
0CW2254P496//	65- 60	AE		C	
0CW4048P300//	66-140	AC		Č	
0FT23006212//	53- 1	AP		В	
0FT23007529//	53- 2	AF	N	В	
0FT23034135//	53- 3	AC		С	
0FT23055159//	53- 4	AD		В	
0FT23078361//	53- 5	AH		В	
0FT23078876//	53- 6	AH AG		В	
0FT23080986// 0FT23088421//	53- 7 53- 8	AK		B C	
0FT23105423//	53- 9	AE		С	
0FT23107000//	53- 10	AC	N	В	
0FT23138429//	53- 11	AK		В	
0FT23144925//	53- 12	AD	N	С	
0FT23149366//	53- 13	AH		В	
0FT23150526//	53- 14	AN		С	
0FT23165175//	53- 15	AH		С	
0FT23188655//	53- 16	AP		С	
0FT23188663// 0FT23188728//	53- 17	AΗ		С	
0FT23188728// 0FT23195236//	53- 18 53- 19	AP AC		C	
0FT23195236//	53- 19	AF		B B	
0FT23223116//	53- 20	AF		В	
0FT23239837//	53- 22	AK		C	
0FT23246191//	53- 23	AF		В	
0FT23246205//	53- 24	AF		В	
0FT23259196//	53- 25	AK	N	С	
0FT23259242//	53- 26	AF		С	
0FT23259269//	53- 27	AF		С	
0FT23259285// 0FT23259307//	53- 28	AF		С	
0FT23259307//	53- 29 53- 30	AH		C	
0FT23265420//	53- 31	AE		В	
0FT23285758//	53- 32	AK		В	
0FT23287815//	53- 33	AF		C	
0FT23288153//	53- 34	ΑE		В	
0FT23291235//	53- 35	ΑE		В	
0FT23292762//	53- 36	ΑL		С	
0FT23305589//	53- 37	AK	N	С	
0FT23330605//	53- 38	AF	N	В	
0FT23339823// 0FT23355705//	53- 39 53- 40	AK AF	N	C B	
0FT23333703//	53- 40	AK		С	
0FT23382060//	53- 41	AN	N	С	
0FT23382079//	53- 43	AG	- 11	C	
0FT23397858//	53- 44	AK	N	Č	
0FT23400433//	53- 45	AF		В	
0FT23405087//	53- 46	AN		В	
0FT23412644//	53- 47	AH		С	
0FT23413403//	53- 48	AU		В	
0FT23418200// 0FT23418235//	53- 49	AC	N	С	
0FT23418235// 0FT23418383//	53- 50 53- 51	AC AC		С	
0FT23418383//	53- 51 53- 52	AC		C	
0FT23418510//	53- 53	AC		С	
0FT23418529//	53- 54	AC		C	
0FT23418537//	53- 55	AC		C	
0FT23418545//	53- 56	AC		C	
0FT23418553//	53- 57	AC		С	
0FT23418588//	53- 58	AC		С	
0FT23418596//	53- 59	AC		С	
0FT23418618//	53- 60	AC		С	
0FT23418626// 0FT23418634//	53- 61 53- 62	AC AC		C	
0FT23418634//	53- 62	AC		C	
0FT23418685//	53- 64	AC		C	
0FT23418693//	53- 65	AC		С	
0FT23418715//	53- 66	AC	N	C	
0FT23418804//	53- 67	AC		С	
0FT23418820//	53- 68	AC		С	
0FT23419002//	53- 69	AC	N	С	
0FT23419010//	53- 70	AC		С	
0FT23419401//	53- 71	AC		С	
0FT23419452// 0FT23419584//	53- 72	AC AC	N	C	
01 120413304//	53- 73	70	IN	U	l .

		DDICE	NIE\A/	DART	
PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
0FT23423816//	53- 74	AC		С	
0FT23429784//	53- 75	AU		В	
0FT23453847//	53- 76	AC		C	
0FT23455750//	53- 77	AF	N	C	
0FT23476820//	53- 78	AK	IN	C	
0FT23483428//	53- 79	AF		В	
0FT23486192//	53- 80	AH	N	С	
0FT23516261//	53- 81	AD	IN	C	
0FT23537080//	53- 82	AD		C	
0FT23537100//	53- 83	AD		C	
0FT23537137//	53- 84	AD		C	
0FT23537226//	53- 85	AD		C	
"	54-258	AD	N	В	
0FT23539423//	53- 86	AK	IN	С	
0FT23555402//	53- 87	AD		A	
0FT23562298//	53- 88	AD	N	C	
0FT23562336//	53- 89	AD	N	C	
0FT23562379//	53- 90	AD	N	C	
0FT23562794//	53- 91	AD	N	C	
0FT23562816//		AC	N		
0FT23562816//	53- 92	AD	N	С	
0FT23562875//	53- 93			С	
	53- 94	AD	N	С	
0FT23563073// 0FT23563278//	53- 95	AC	N	С	
	53- 96	AC	N	С	
0FT23563286//	53- 97	AC		С	
0FT23563316//	53- 98	AC	N.I	С	
0FT23563456//	53- 99	AC	N	С	
0FT23563871//	53-100	AF	N	С	
0FT23593282//	53-101	AH		С	
0FT23601552//	53-102	AF		В	
0FT23606732//	53-103	AD		В	
0FT23611329//	53-104	AK		С	
0FT23621944//	53-105	AC	N	С	
0FT23637387//	53-106	AK	N	С	
0FT23642909//	53-107	AH		С	
0FT23642917//	53-108	BA		С	
0FT23644618//	53-109	AL		С	
<u>"</u>	54-257	AL	N	В	
0FT23644634//	53-110	AK		С	
0FT23665984//	53-111	AU		В	
0FT23671658//	53-112	AP		В	
0FT23697355//	53-113	AU		С	
0FT23707598//	53-114	AD		С	
0FT23709604//	53-115	AP		В	
0FT23723119//	53-116	AL		Α	
0FT23723127//	53-117	AK		Α	
0FT23753085//	53-118	AF	N	С	
0FT23761118//	53-119	AP		Α	
0FT23764273//	53-120	AF	N	С	
0FT23765385//	53-121	AD		С	
0FT23765407//	53-122	AD		С	
0FT23770273//	53-123	AD		С	
0FT23779556//	53-124	AP		Α	
0FT23783413//	53-125	AF		В	
0FT31656389//	53-126	BA	N	В	
0FT31656869//	53-127	BA	N	С	
0FT33001460//	53-128	AK		В	
0FT33055250//	53-129	AG		С	
0FT33073631//	53-130	AU	N	В	
0FT33077173//	53-131	AK	N	С	
0FT33094493//	53-132	AF	N	С	
0FT33094515//	53-133	AF	N	С	
0FT33105347//	53-134	AS		В	
0FT33167288//	53-135	AF		С	
0FT33183100//	53-136	AZ	N	В	
0FT33185553//	53-137	AF	N	С	
0FT33283725//	53-138	AF	N	С	
0FT33283733//	53-139	AP	N	С	
0FT33293976//	53-140	AF		С	
0FT33322070//	53-141	AU		С	
0FT33322089//	53-142	AU		С	
0FT33322097//	53-143	AU		С	
0FT33385005//	53-144	AU	N	В	
0FT33408188//	53-145	ΑZ	N	В	
0FT33440960//	53-146	ΑZ	N	В	
0FT33441592//	53-147	AP	N	С	
0FT33441614//	53-148	AP	N	С	
0FT33452462//	53-149	AU	N	С	
0FT33463855//	53-150	AP	N	С	
0FT33477015//	53-151	BA	N	С	
0FT33477031//	53-152	BA	N	С	
					

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0FT33477058//	53-153	BA	N	C	
0FT33479646//	53-154	ΑZ	N	В	
0FT33486898//	53-155	ВА	N	C	
0FT33486928//	53-156	AK	N	С	
0FT33486944//	53-157	AX	N	С	
0FT33487398//	53-158	BF	N	С	
ī					
	1	l			

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	

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Yamatokoriyama, Nara 639-1186, Japan
2000 March

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PARTS GUIDE

CODE:00ZAR505//P1E

AR-280/285/335 AR-281/286/336 MODEL AR-250/405/505

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- Exteriors(Front cabinet etc.) Exteriors(Rear,Left side cabinet etc.)
- Operation panel unit
- Document size sensor unit
- Optical unit 1
- Optical unit 2
- Copy lamp unit
- 2nd,3rd mirror holder unit
- Frame section
- 10 Rear frame 1
 - (PCU PWB,DC power PWB etc.)
- Rear frame 1(AC PWB, Frame etc)
- Rear frame 2
- Photo conductor unit
- Toner hopper unit
- Developer unit
- 15 16 Fusing unit 1
- 17 Fusing unit 2
- Delivery turnover unit 1 (AR-405,505 1bin, others 2bin)
- Delivery turnover unit 2
- (AR-405,505 1bin, others 2bin)
- Vertical transport right door unit
- Vertical transport unit
- PS transport unit
- Suction unit
- Main drive unit 1
- Main drive unit 2
- Paper feeding drive unit 1
- Paper feeding drive unit 2
- 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 DV drive unit
- Fusing drive unit
- DV guide unit
- Multi manual paper feeding unit 1
- Multi manual paper feeding unit 2
- Waste toner unit
- Tray paper feeding unit
- Multi manual paper feeding tray unit
- MC unit
- TC unit

- Packing material & Accessories
- PCU PWB(except for AR-505)
- PCU PWB(for AR-505)
- ICU PWB(AR-280.285.335)
- ICU PWB(AR-250,281,286,336,405)
- ICU PWB(for AR-505)
- 44 45 Operation control PWB(for AR-280,285,335)
- Operation control PWB
 - (except for AR-280,285,335)
- Operation PWB R
- 48 49 50 Operation PWB L
- Inverter PWB
- AC PWB
- Scanner drive PWB
- **ORS PD PWB**
- DC Power supply PWB ...[AR-405,505(100V series)]
- DC Power supply PWB · 200V series (and 100V series except AR-405,505)
- RADF Exteriors(for AR-405)
- RADF Transport belt section(for AR-405)
- 57 RADF Paper feeding transport section 1 (for AR-405)
- RADF Paper feeding transport section 2 (for AR-405)
- RADF Reversion transport section(for AR-405)
- RADF Paper feedig tray section(for AR-405)
- RADF PBA-Control PWB(for AR-405)
- RSPF unit 1(for AR-505)
- RSPF unit 2(for AR-505)
- 63 64 65 RSPF unit 3(for AR-505)
- 66 RSPF unit 4(for AR-505)
- 67 RSPF unit 5(for AR-505)
- 68 RSPF unit(PWB section)(for AR-505)
- ADU unit 1
- 70 ADU unit 2
- ADU unit 3
- ADU unit 4
- Index

This document has been published to be used for after sales service only.

DEFINITION

The definition of each Rank is as follows and also noted in the list

A: Parts necessary to be stocked as High usage parts.

B: Parts necessary to be stocked as Standard usage parts.

C: Low usage parts.

D: Parts necessary for refurbish.

E: Unit parts recommended to be stocked for efficient after sales service.

Please note that the lead time for the said parts may be longer than normal parts.

S: Consumable parts.

Please note that the following parts used in Copier under the same description are classified into A or B Rank depending upon the place used.

Example: Gear made of Metal, Sprocket, Bearing, Belt made of Rubber, Spring clutch mechanism.

A Rank : The parts which may be with the revolution or loading.

B Rank: Parts similar to A Rank parts, but are not included in Rank A.

Because parts marked with "_^ " is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

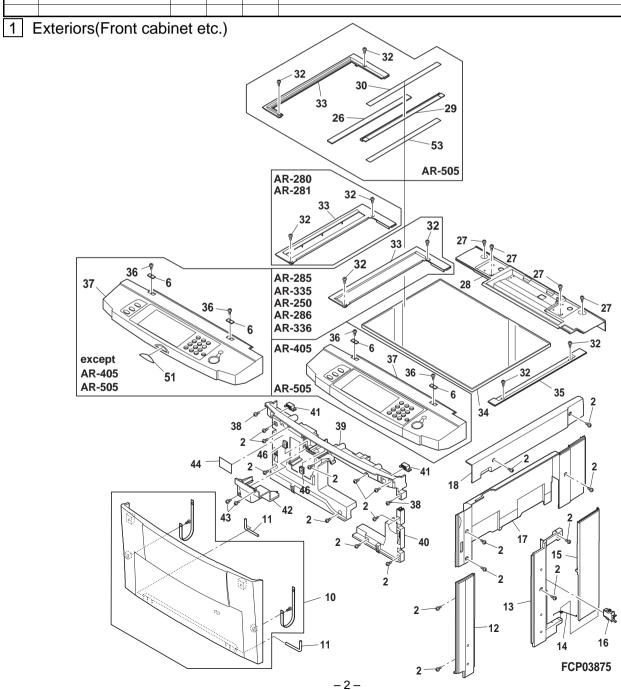
- O Other than this Parts Guide, please refer to documents Service Manual of this model.
- O Please use the 13 digit code described in the right hand corner of front cover of the document, when you pleace an order.
- O For U.S. only-Use order codes provided in advertising literature. Do not order from parts department.

1 Exteriors(Front cabinet etc.)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	XHBSE40P08000	AA		С	Screw (4×8)
	LPLTM2573FCZ1	AD		С	MG plate
8	XEBSD40P08000	AA		С	Screw (4×8)
9	LBNDJ0070FCZZ	AD		С	Delivery exterior band
	CCAB-0888FC36	BD		Е	Front exterior unit [AR-280]
	CCAB-0888FC37	BD		E	Front exterior unit [AR-285]
	CCAB-0888FC38	BD		E	Front exterior unit [AR-335]
	CCAB-0888FC50	BD		Е	Front exterior unit (USA only)[AR-250]
	CCAB-0888FC46	ВС		Е	Front exterior unit (Except USA)[AR-250]
	CCAB-0888FC51	BD		Е	Front exterior unit (USA only)[AR-281]
	CCAB-0888FC47	ВС		Е	Front exterior unit (Except USA)[AR-281]
10	CCAB-0888FC52	BD		Е	Front exterior unit (USA only)[AR-286]
	CCAB-0888FC48	BC		Е	Front exterior unit (Except USA)[AR-286]
	CCAB-0888FC53	BD		E	Front exterior unit (USA only)[AR-336]
	CCAB-0888FC49	ВС		Е	Front exterior unit (Except USA)[AR-336]
	CCAB-0927FC33	BD		Е	Front exterior unit (USA only)[AR-405]
	CCAB-0927FC32	BD		E	Front exterior unit (Except USA)[AR-405]
	CCAB-0927FC36	BD	N	Е	Front exterior unit (USA only)[AR-505]
	CCAB-0927FC35	BD	N	Е	Front exterior unit (Except USA)[AR-505]
	LPiN-0277FCZZ	AB		С	Slide pin,ADU delivery side rail
	GCAB-0890FCZZ	ΑL		D	Right exterior lower front
	GCAB-0891FCZZ	AP		D	Right exterior lower rear
	MSPRC2612FCZZ	AC		С	Waste toner cover spring
15	PCŌVP1430FCZZ	AQ		С	Waste toner cover
16	PKA i - 1 0 8 0 CESA	ΑE		С	Lock mechanism
17	GCAB-0889FCZ1	AX		D	Right exterior upper
	GCAB-0895FCZZ	AR		D	Upper exterior right
	PGLSP0101FCZZ	AS	N	В	RSPF glass [AR-505]
27	XHBSE40P10000	AA		С	Screw (4×10)
	GCAB-0897FCZ3	AS		D	Upper exterior rear
29	PGiDM1873FCZ1	AG	N	С	Size guide [AR-505]
30	TLABZ4390FCZZ	AG	N	С	Size label (Inch series)[AR-505]
30	TLABZ4389FCZZ	AH	N	С	Size label (AB series)[AR-505]
32	XBTSE40P04000	AA		С	Screw (4×4)
	0CW2235P041//	ΑT		С	SPF table glass fixing plate left (Inch series)[AR-280]
	0CW2235P042//	ΑT		С	SPF table glass fixing plate left (AB series)[AR-280]
33	CFiX-0517FC03	AR		С	Table glass fixing plate left (Inch series)[except AR-280,505]
	CFiX-0517FC02	AR		С	Table glass fixing plate left (AB series)[except AR-280,405]
	LFiX-0538FCZZ	ΑL	N	С	Table glass fixing plate left [AR-505]
24	PGLSP0074FCZ8	BK		В	Table glass [except AR-505]
34	PGLSP0100FCZZ	ΑZ	N	В	Table glass [AR-505]

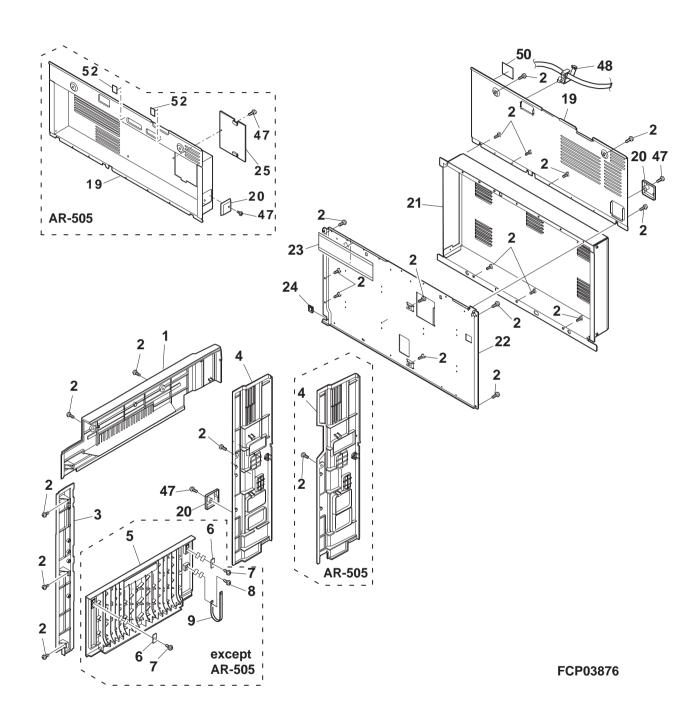
1 Exteriors(Front cabinet etc.)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
35	LFiX-0516FCZZ	ΑL		С	Table glass fixing plate right	
36	XBSSE30P10000	AA		С	Screw (3×10)	
	CPNLC0237FC03	ΑY		D	Operation panel	(CANADA, Europe except U, Kingdom) [except AR-405,505]
37	CPNLC0237FC02	ΑY		D	Operation panel	(Other countries)[except AR-405,505]
3/	HPNLC0241FCZZ	AX		D	Operation panel	(CANADA, Europe except U.Kingdom)[AR-405,505]
	CPNLC0241FC02	ΑY		D	Operation panel	(Other countries)[AR-405,505]
38	XEBSE40P08000	AA		С	Screw (4×8)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
39	PCŌVP1428FCZZ	ΑZ		D	Frame cover A	
40	PCŌVP1429FCZZ	AP		D	Frame cover B	
41	PMAGT0015FCZZ	AD		В	Magnet catch (10P)	
42	PCŌVP1431FCZZ	AK		D	ROM cover	
43	XJBSD40P12000	AA		С	Screw (4×12)	
44	TCAUS1038FCZZ	AD		С	Laser caution label	
46	LX-NZ0088FCZZ	AC		С	Nut	
47	XHBSE30P06000	AA		С	Screw	(3×6)[except AR-405,505]
48	LHLDW1155FCZZ	AC		С	Wire holder	(LWS3S2W)[AR-280]
49	PTPE-0251FCZZ	AD		С	Earth tape	
	TCAUH1028FCZZ	AC		С	Service caution label	(USA,Canada)[except AR-405,505]
50	TCAUA0766FCZZ	AB		С	Service caution label	(U.Kingdom only)[except AR-405,505]
50	TCAUH0918FCZZ	AA		С	Service caution label	(Australia only)[except AR-405,505]
	TCAUA0770FCZZ	AB		С	Service caution label	(Other cuntries)[except AR-405,505]
53	PSHEZ4770FCZZ	AF	N	С	White datum sheet	



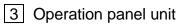
2 Exteriors(Rear,Left side cabinet etc.)

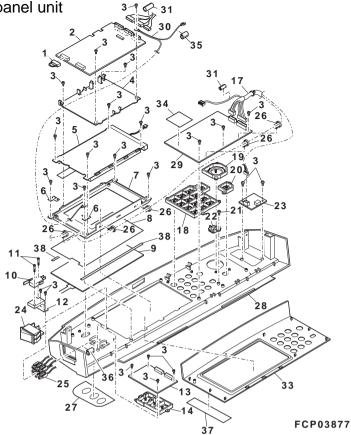
2 E	exteriors(Rear,Left	siae (cabin	et etc	<i>(</i> ;.)
NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
		RANK	MARK		
	GCAB-0896FCZZ	AV		D	Upper exterior left
	XHBSE40P08000	AA		С	Screw (4×8)
3	GCAB-0893FCZZ	AM		D	Left exterior front
4	GCAB-0894FCZ4	AT		D	Left exterior rear [except AR-505]
_	GCAB-0930FCZZ GCAB-0901FCZZ	AQ	N	D	Left exterior rear [AR-505]
5	GCAB-0901FCZZ	AW		D	Delivery exterior left lower [AR280,285,335]
	LPLTM2573FCZ1	AD		С	MG plate
	XESSE30P08000	AA		С	Screw (3×8) [AR280,285,335]
15	PFiLW0264FCZZ	AD		С	IR filter
19	GCAB-0892FCZZ	AY		D	Rear exterior [except AR-505]
	GCAB-0929FCZZ	BB	N	D	Rear exterior [AR-505]
20	PFTA-0135FCZZ CCAB-0907FC02	AE		D	Connector cover B
21	CCAB-0907FC02	BD		D	Rear exterior lower
22	LPLTM5401FCZZ	AY		С	F/P box pixing plate [except AR-250,281,286,336]
	CPLTM5401FC02	AY		С	F/P box pixing plate [AR-250,281,286,336]
23	PSHEP4604FCZZ	AE		С	Edge protect sheet
24	LHLDW1115FCZZ	AD		С	Edge bushing (1210) (USA,CANADA,Saudi Arabia,Brazil)
	L B S H Z 2 0 5 0 S C Z Z	AB		С	Edge bushing (EDS-1208U) (Other countries)
25	PCŌVP1266FCGZ	AH		D	Rear exterior cover [AR-505]
47	XHBSE30P06000	AA		С	Screw (3×6)
	TCAUH1028FCZZ	AC		С	Service caution label (USA,Canada)
50	TCAUA0766FCZZ	AB		С	Service caution label (U.Kingdom only)
55	TCAUH0918FCZZ	AA		С	Service caution label (Australia only)
	TCAUA0770FCZZ	AB		С	Service caution label (Other cuntries)
	TLABZ4289FCZZ	AD		С	Digital mark label [except AR-405,505]
52	PGSK-1002LCZZ	AC		С	Gasket B
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3 Operation panel unit

3 (Operation panel un		NEW	DART	
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	DHAi-3026FCZZ	AD		С	Counter harness
	CPWBN1258FC52	СВ		E	Operation control PWB [AR-280,285,335
2	CPWBN1394FC51	BW		E	Operation control PWB [except AR-280,285,335,505
	CPWBN1394FC52	BW	N	E	Operation control PWB (without FLASH PWB) [AR-505
3	X E P S D 3 0 P 0 8 0 0 0 L H L D Z 1 3 6 0 F C Z Z	AA AH		С	Screw (3×8)
	V V L L M 4 0 0 0 3 1 - 1	BY		C B	LCD holder B LCD (LM400031) [except AR-405
	QEARPOOST	AD		С	LCD (EM400031) [except AR-403
7	LHLDZ1359FCZZ	AL		C	LCD holder A [except AR-405
	PSHEP4554FCZZ	AQ		Č	LCD sheet (Canada, Europe except U, Kingdom) [AR-280, 285, 336
_	PSHEP4553FCZZ	AQ		Č	LCD sheet (Other countries)[AR-280,285,335
8	PSHEP4719FCZ1	AQ	N	C	LCD sheet (Canada, Europe except U.Kingdom) [except AR-280,285,336,405]
	PSHEP4718FCZ1	AQ	N	С	LCD sheet (Other countries)[except AR-280,285,336,405
	HPNLH0238FCZZ	BH		D	Touch panel [except AR-405
	QSW-M0502FCZZ	AH		В	Door switch (AM51632C531)
	XEPSD30P16000	AA		С	Screw (3×16)
	LHLDZ1385FCZZ	AF		С	Door switch holder
13	CPWBF1259FC62	AY	N	E	Operation PWB L
14	JBTN-0243FCZ1	AK		С	Change key [AR-280,285,335
	JBTN-0243FCGZ	AK		С	Change key [except AR-280,285,335
17	DHA i - 2821FCZZ	BA		С	Operation main harness
40	CBTN-0239FC02 CBTN-0239FC03	AN AN	-	C	Ten key [AR-280,285,335
18	CBTN-0239FC03 CBTN-0239FC05	AN	N	C	Ten key [except AR-280,285,335,505] Ten key [AR-505]
19	JBTN-0239FC05	AK	IN	C	Ten key [AR-505 Copy key
20	CBTN-0240FC22	AH		C	CA key
	XEPSD30P06000	AA	 	C	Screw (3×6)
22	CBTN-0242FC01	AL		C	Interrupt key
23	CPWBF1107FC52	AX		E	Inverter PWB
24	QSW-Z1390QCZZ	ВА		В	Main switch
25	DHA i - 2953FCZZ	ΑV		С	Main switch harness
26	LBNDJ0013FCZ1	AA		С	Wire band
	PSHEZ4555FCZZ	AH		С	Panel sheet (English) (English)[AR-280,285,335
	PSHEZ4726FCZZ	AH		С	Panel sheet (English) (English)[AR-250,281,286,336
	PSHEZ4557FCZZ	AH		C	Panel sheet (French) (Canada)[AR-280,285,335
	P S H E Z 4 7 2 8 F C Z Z P S H E Z 4 5 5 6 F C Z Z	AH AH		С	Panel sheet (French) (Canada)[AR-250,281,286,331
	PSHEZ4556FCZZ PSHEZ4727FCZZ	AH		C	Panel sheet (German) (Germany)[AR-280,285,338] Panel sheet (German) (Germany)[AR-250,281,286,338]
	PSHEZ4559FCZZ	AH		C	Panel sheet (Italian) (Italian area)[AR-280,285,335
	PSHEZ4730FCZZ	AH		Č	Panel sheet (Italian) (Italian area)[AR-250,281,286,336
27	PSHEZ4560FCZZ	AH		С	Panel sheet (Dutch) (Dutch area)[AR-280,285,335
21	PSHEZ4731FCZZ	AH		С	Panel sheet (Dutch) (Dutch area)[AR-250,281,286,336
	PSHEZ4558FCZZ	AH		C	Panel sheet (Spanish) (Spanish area)[AR-280,285,335
	P S H E Z 4 7 2 9 F C Z Z P S H E Z 4 5 6 1 F C Z Z	AH AH		C	Panel sheet (Spanish) (Spanish area)[AR-250,281,286,336] Panel sheet (Swedish) (Swedish area)[AR-280,285,336]
	P S H E Z 4 7 3 2 F C Z Z	AH		C	Panel sheet (Swedish) (Swedish area)[AR-250,281,286,336
	PSHEZ4703FCZZ	AK		Č	Panel sheet (English) (Except Canada, Spanish area, Europe only available U.K)[AR-405,505
	PSHEZ4704FCZZ	AK		С	Panel sheet (Germany)[AR-405,505
	PSHEZ4705FCZZ	AK		C	Panel sheet (French) (Canada)[AR-405,505
	PSHEZ4706FCZZ	AK		С	Panel sheet (Spanish) (Spanish area)[AR-405,505
	CPNLC0237FC03	AY		D	Operation panel (Canada,Europe except U.Kingdom)[except AR-405,506
28	CPNLC0237FC02 HPNLC0241FCZZ	AY		D	Operation panel (Other countries)[except AR-405,505
	CPNLC0241FC22	AX		D D	Operation panel (Canada,Europe except U.Kingdom)[AR-405,505
	CPWBF1255FC61	BH		E	Operation panel (Other countries)[AR-405,508] Operation PWB R [except AR-280,285,338]
29	CPWBF1255FC52	BF		E	Operation PWB R [AR-280,285,335]
30	DHA i - 2949FCZZ	AF		C	Operation ESDFG harness
	RCORF0029FCZZ	AN		C	Ferrite core (ZCAT2132113) (100V series
31	RCORF1036ACZZ	AP		C	Ferrite core (RFC-9DCCBL) (200V series
	CPNLC0242FC03	AU		D	Operation panel B (Canada, Europe Except U. Kingdom)[AR-405
20	CPNLC0242FC02	ΑТ		D	Operation panel B (other countries)[AR-405
33	CPNLC0242FC06	ΑT	N	D	Operation panel B (Canada, Europe Except U. Kingdom)[AR-505
	CPNLC0242FC05	ΑT	N	D	Operation panel B (other countries)[AR-508
34	PSHEP4681FCZZ	AC	1	С	Harness pressure sheet
					(Australia, New Zealand, Europe, Taiwan, South Africa, Russia) [AR-405,505]
	RCORF 6 6 6 1 RCZZ	AK		С	Ferrite core (SFC-4) (200V series
36	RCORF0037FCZZ	AS		С	Ferrite core (RFC13) (200V series
	PSHEZ4566FCZZ	AE		С	Panel sheet B (Italian) (Italian area)[except AR-405,506
	PSHEZ4567FCZZ	AE	-	С	Panel sheet B (Dutch) (Dutch are)[except AR-405,508
	PSHEZ4565FCZZ	ΑE		С	Panel sheet B (Spanish) (Spanish area)[except AR-405,508
	P S H E Z 4 5 6 8 F C Z Z P S H E Z 4 5 6 2 F C Z Z	AE AE	-	С	Panel sheet B (Swedish) (Swedish area)[except AR-405,508
	PSHEZ4562FCZZ PSHEZ4710FCZZ	AE	-	C	Panel sheet B (English) (Canada,Germany)[except AR-405,509
	PSHEZ4710FCZZ PSHEZ4711FCZZ	AE	-	C	Panel sheet B (English) (Canada,Germany)[AR-408 Panel sheet B (German) (Germany)[AR-408
37	PSHEZ4711FCZZ PSHEZ4712FCZZ	AE		C	Panel sheet B (German) (Germany)[AR-40: Panel sheet B (French) (Canada)[AR-40:
31	PSHEZ4712FCZZ PSHEZ4564FCZZ	AE		C	Panel sheet B (French) (Canada)[except AR-405,508
	PSHEZ4713FCZZ	AE	 	C	Panel sheet B (Spanish) (Canada)(except AR-405,506
	PSHEZ4713FCZZ	AE	N	C	Panel sheet B (English) (Spanish area)[AR-508]
	PSHEZ4710FCBZ	AE	N	C	Panel sheet B (German) (Germany)[AR-505]
		AE	IN	C	Panel sheet B (German) (Germany)[except AR-405,505
	PSHEZ4563FC77	I AF			. as. ss. (Ocilially) EAUCPL AN=400,000
	PSHEZ4563FCZZ PSHEZ4712FCBZ		N		Panel sheet B (French) (Canada)IAR-505
	P S H E Z 4 5 6 3 F C Z Z P S H E Z 4 7 1 2 F C B Z P S H E Z 4 7 1 3 F C B Z	AE AE	N N	C	Panel sheet B (French) (Canada)[AR-505 Panel sheet B (Spanish) (Spanish area)[AR-505

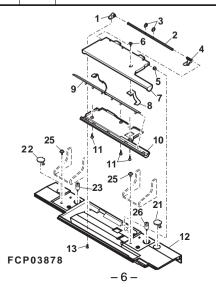




4 Document size sensor unit

	- Desament size series, and								
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION				
1	L H L D Z 1 0 8 5 F C Z 1	AD		С	Original detection fulcrum holder				
2	NSFTZ1805FCZZ	ΑE		С	Original detection fulcrum shaft				
3	XRESP30-06000	AA		С	E type ring				
4	MSPRT1563FCZZ	AC		С	Manuscript detect spring				
	LBSHZ1102CCZZ	AC		С	Bushing 1				
	XBPSD30P06KS0	AA		С	Screw (3×6KS)				
7	MARMP0147FCZ1	AL		С	Original detection fulcrum arm upper				
8	PSLDH0178FCZZ	AD		С	Original detect shield plate				
9	CPWBF0934FC32	AX		Е	ORS emission PWB				
10	MARMP0148FCZ1	ΑL		С	Original detection fulcrum arm lower				
11	XEPSD30P05000	AA		С	Screw (3×5)				
12	GCAB-0897FCZ3	AS		D	Front exterior rear				
13	XEPSD30P08000	AA		С	Screw (3×8)				
	PCŌVP0911FCZ1	AC		С	Upper exterior rear cover R				
22	PCŌVP0941FCZ1	AC		С	Upper exterior rear cover L				
23	L X - B Z 0 7 7 6 F C Z Z	AG		С	Screw R [except AR-250]				
25	XBTSC50P16000	AA		С	Screw (5×16) [except AR-250]				
26	L X - B Z 0 8 9 1 F C Z Z	AG		С	Screw [except AR-250,505]				
26	L X - B Z 0 8 4 2 F C Z Z	AG		С	Screw [AR-505]				

4 Document size sensor unit



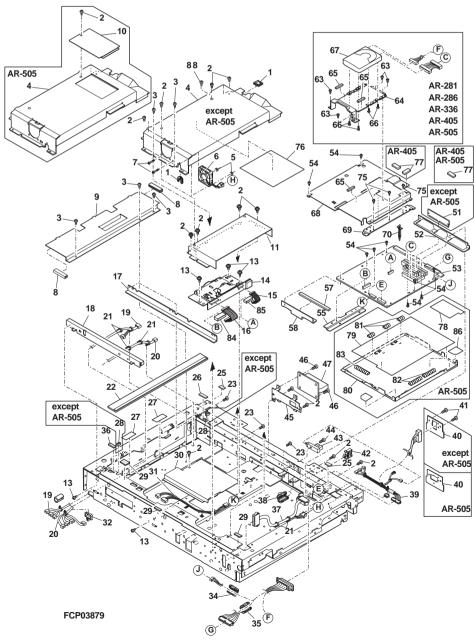
5 Optical unit 1

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	LHLDW1115FCZZ	AD		С	Edge bushing	
	XBBSD40P06000	AA		С	Screw (4×6)	
3	XHBSE40P08000	AA		С	Screw (4×8)	
4	PCOVP1454FCZZ	AP		С		t AR-505
	P C O V P 1 4 5 4 F C Z 1	AN	N	С	Dark box cover B	[AR-505]
	X N E S D 4 0 - 3 2 0 0 0	AA		С	Nut (M4)	
_	N F A N P 0 0 5 1 F C Z Z X B P S D 4 0 P 1 4 0 0 0	BA AA		B C	Fan (D04X-12)	
	L B S H C 0 3 4 5 F C Z Z	AC		C	Screw (4×14) Edge bushing (CE012SL50)	
	PCOVP1456FCZ1	AH		C	AC harness cover	
	PCOVP1518FCZZ	AE	N	D	ICU ROM cover	[AR-505]
	CCOVP1453FC01	AQ	- 11	C	Dark box cover A	[/111 000]
	L X - B Z 0 3 3 5 F C Z Z	AA		C	Screw (4×6)(Red)	
	CDA i U 0 5 7 8 F C 3 1	BZ		Ē		0,285,335
14	CDAiU0578FC33	ВХ		Е	CCD unit [AR-250,28	
	CDAiU0578FC32	BZ		Е	CCD unit [AF	R-405,505
	QCNW-0160FCZZ	ΑE		С	CCD PWB harness FFC1	
	QCNW-0161FCZZ	AF		С	CCD PWB harness FFC2	
	LRALM0157FCZZ	AG		С	MB-B rail R	
18	LRALM0156FCZZ	AH		С	MB-B rail F	
19	DHA i - 2862FCZZ	AW		С		t AR-505
	DHA: -3111FCZZ	AT	N	С	MSW interface harness	[AR-505
	DHA i - 2895FCZZ DHA i - 3112FCZZ	AY	N.I	С		t AR-505
	L B N D J O O 1 3 F C Z 1	AA	N	C	ORS interface harness Wire band	[AK-505
	PGLSP0092FCZZ	AV	 	В	Glass	
	XHBSD40P08000	AA		С	Screw (4×8)	
	PGUMS 0 2 2 8 F C Z Z	AA		C	Table glass rubber	
	PGUMS0273FCZZ	AB		C		t AR-505
26	PGUMS0281FCZZ	AB	N	Č	Glass rubber	[AR-505
	PSHEP4547FCZZ	AB		С	AC harness protect sheet	
28	PGUMS0147FCZZ	AA		С		t AR-505
29	PSHEZ4513FCZZ	AB		С	Glass sheet	
30	PCŌVP1513FCZZ	AG		С	LSU harness cover	
	DHAi-2865FC11	AS		С	LSU interface harness N [AR-28	0,285,335
31	DHA i - 3 0 6 2 F C Z Z	ΑT		С	LSU interface harness N [except AR-280,28	5,335,505
	DHA i - 3 1 1 3 F C Z Z	AS	N	С	LSU interface harness N	[AR-505
	LHLDW1019FCZZ	AB		С	Wire holder (WS-2NSL)	
	RCORF0030FCZZ	AM		С	Ferrite core (ZCAT2032093)	
35	RCORF0015FCZZ	AK		С	Ferrite core	
36	PSHEZ4513FCZZ	AB		С		et AR-505
	PSHEZ4771FCZZ	AB	N	С	Glass sheet	[AR-505
	DHA i - 2970FCZZ	AP		С	Operation interface harness	
38	R C O R F 0 0 3 2 F C Z Z D H A i - 2 8 2 4 F C Z Z	AL BB		С	Ferrite core	. AD 505
39	DHA i - 2 8 2 4 F C Z Z	AQ	N	C	ADF interface harness [except ADF interface harness]	t AR-505 AR-505
	LPLTM5488FCZZ	AE	IN	C		t AR-505
40	LPLTM5488FCZ1	AD	N	C	Connector fixing plate A	[AR-505
41	XHBSD30P08000	AA	111	C	Screw (3×8)	[/111-000
	L H L D W 1 0 5 7 F C Z Z	AB		C	Wire holder (LWS-3S)	
	VHPGP1A22LC-1	AK		В	Photo sensor (GP1A22LC)	
	XBBSD40P10000	AA		С	Screw (4×10)	
	LPLTM5427FCZZ	AG		C	Motor drive fixing plate	
	XBPSD30P06000	AA		С	Screw (3×6)	
47	CPWBF1279FC52	BD		Е	Scanner drive PWB	
51	VH i 3 2 M S i M M / - 1	CA		В	IC (32MSIMM)	[AR-250
	VHi16MSiMM/-1	СВ		В	IC (16MSIMM) [except AF	
52	PGiDH1793FCZZ	AG		С	ICU sub PWB guide R (Except Australia, Europe, Russia, Taiwan, Sou	
	CPWBN1326FC51	DE		Е		R-280,285
	CPWBN1325FC52	DE		E	ICU PWB	[AR-33
	CPWBN1406FC51	DD		E	ICU PWB	[AR-250
53	CPWBN1404FC51	DB		E		R-281,286
	CPWBN1392FC53	DC	-	E	ICU PWB	[AR-336
	CPWBN1393FC51	DC DC	-	E	ICU PWB (Australia, Europe, Russia, Taiwan, South Africa	
	CPWBN1392FC52 CPWBN1414FC51	DD	N	E E	ICU PWB (Other countries	
	L X - B Z 0 2 2 2 F C Z Z	AA	IN	C	ICU PWB Screw (Australia, Europe, Russia, Taiwan, Sor	[AR-505
54	L X - B Z 0 2 2 2 F C Z Z	AA		C	Screw (4×6) (Except Australia,Europe,Russia,Taiwan,Soi	
55	L P L T M 5 4 2 6 F C Z Z	AG		C	ICU sub PWB fixing plate (Except Australia, Europe, Russia, Taiwan, Soi	
	L P L T M 5 4 8 5 F C Z Z	AE		C	ICU assistance plate (Except Australia, Europe, Russia, Falwari, Soc	441 /3IIIOC
	PGSK-2016HCZZ	AR		C	Gasket (UC-300285 L=110) (Except Australia, Europe, Russia, Taiwan, Sou	uth Africa
	PG i DH 1 7 9 2 F C Z Z	AF		C	ICU sub PWB guide F (AR-405:Except Australia, Europe, Russia, Taiwan, South Africa, A	
	DHA i - 2 9 2 4 F C Z Z	AY		C	ICU.HD interface harness	500.7
	DHA i - 2867FCZZ	AW		C		t AR-250
	XHBSE40P08000	AA		C		ot AR-250
	CPLTM5431FC03	AS		C	HD fixing plate	200
	PCUSS1021LCZZ	AC		C		t AR-250
	L X - B Z 1 0 2 2 L C Z Z	AB		C		ot AR-250
J		CF		E	Hard disk (USA,Canada,Europe,Australia)[except AR-25]	
67	DUNT-7014FCZZ	U C F				

5 Optical unit 1

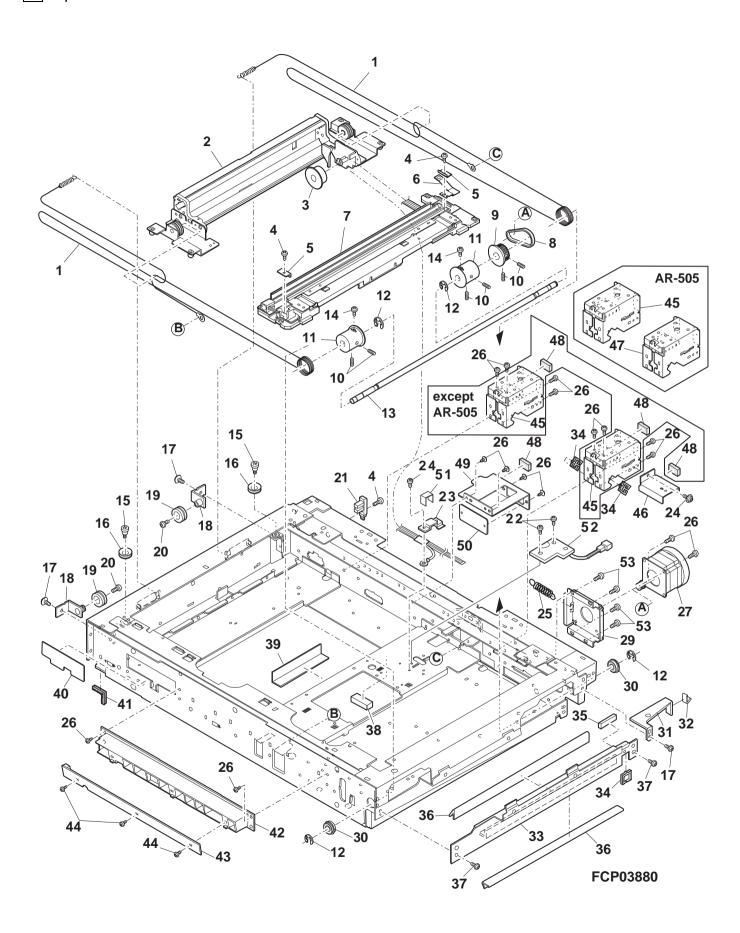
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
67	DUNT-7014FCZZ	CF		Е	Hard disk [AR-405,505]
00	PCŌVP1508FCZZ	ΑT		С	ICU cover (Australia, Europe, Russia, Taiwan, South Africa)
68	PCOVP1470FCZ2	AR		С	ICU cover (Except Australia, Europe, Russia, Taiwan, South Africa)
69	LPLTM5596FCZZ	AH		С	ICU fixing plate (Except Australia, Europe, Russia, Taiwan, South Africa)
70	PSPAZ1415FCZZ	AC		С	Spacer (PSM-8-01)
75	L X - B Z 0 2 2 2 F C Z Z	AA		C	Screw (Australia, Europe, Russia, Taiwan, South Africa)
73	XBBSD40P06000	AA		C	Screw (4×6) (Except Australia, Europe, Russia, Taiwan, South Africa)
76	PSHEZ4685FCZZ	AG		С	HDD protective sheet
77	PGSK-0030FCZZ	АН		С	Gasket (AR-405,Australia,Europe,Russia,Taiwan,South Africa;Q'ty=3,others;Q'ty=2,AR-505;Q'ty=1)
78	PSHEP4675FCZZ	AC		С	ICU protective sheet (Australia, Europe, Russia, Taiwan, South Africa) [AR-405]
79	PSHEZ4677FCZZ	BF		С	EMI sheet (Australia, Europe, Russia, Taiwan, South Africa) [AR-405]
80	CPLTM5628FC01	AU		С	ICU bottom plate (Australia, Europe, Russia, Taiwan, South Africa) [AR-405]
81	LPLTP1015ACZZ	AH		С	Earth plate (Australia, Europe, Russia, Taiwan, South Africa) [AR-405]
82	MSPRZ7008XCZZ	AS		С	Finger (Australia, Europe, Russia, Taiwan, South Africa) [AR-405]
83	QEARZ7013XCZZ	AP		С	Earth plate (Australia, Europe, Russia, Taiwan, South Africa) [AR-405]
84	RCŌRF5010BCZZ	AD		С	Ferrite core (AR-505:All,Other Models:Except Australia,Europe,Russia,Taiwan,South Africa)
85	RCŌRF6693RCZZ	AK		С	Ferrite core (AR-505:All,Other Models:Except Australia,Europe,Russia,Taiwan,South Africa)
86	PSHEP4676FCZZ	AD		С	ICU protective sheet S (Australia, Europe, Russia, Taiwan, South Africa) [except AR-505]
87	RCŌRF0035FCZZ	AM		С	Ferrite core (RFC6) (200V series)
88	XBBSD40P06000	AA		С	Screw (4×6) [except AR-505]

5 Optical unit 1



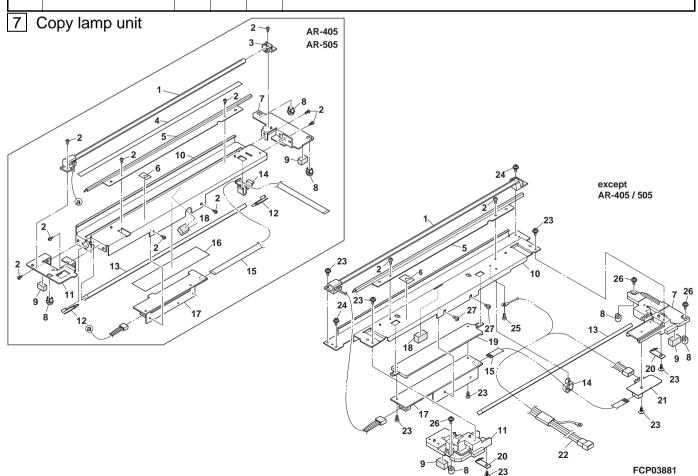
6 Optical unit 2

_ (Optical unit 2				
١,	NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
Ľ	_		RANK	MARK	RANK	
		PW i R - 0 1 8 6 F C Z Z	AS		C	MB wire
		CHLDZ1382FC31	BF		E	2nd,3rd mirror holder unit
		NPLYZ0181FCZZ	AB		С	CL pulley
		XBBSD40P10000	AA		С	Screw (4×10)
<u> </u>		LPLTM5434FCZ1	AC		С	Wire fixing plate
, –	б	CSPRP2673FC01	AG		C	Lower slider spring
\triangle	7	CREFL0168FC32	BR		E	Copy lamp unit [except AR-405,505]
<u> </u>		CREFL0172FC31	BQ		E	Copy lamp unit [AR-405,505]
	8	NBLTH0292FCZZ NBLTH0324FCZZ	AF AF		B B	MB drive belt [except AR-405,505] MB drive belt [AR-405,505]
-		NPLYZ0361FCZZ	AN		С	Pulley 36T [AR-405,505]
	9	NPLYZ0338FCZZ	AN		C	Pulley 36T [except AR-405,505]
-		L X - B Z 0 0 4 9 F C Z Z	AB		C	Screw (4×6) [except AR-405,505]
	10	L X - B Z O O 3 9 F C Z Z	AB		C	Screw (4×4) [AR-405,505]
—	11	NPLYZ0359FCZZ	AM		C	Winder pulley DN
		XRESP70-08000	AA		C	E type ring
		NSFTZ2444FCZZ	AL		C	Winder drive shaft
		L X - B Z 0 3 2 4 F C Z Z	AA		Č	Screw (3×4)
		L X - B Z 0 2 6 6 F C Z Z	AB		Ċ	Screw
		NPLYZ0340FCZZ	AC		C	L pulley N
	17	L X - B Z 0 4 6 5 F C Z Z	AA		C	Screw (4×6)
	18	CPLTM5436FC01	AG		C	Pulley fixing plate
	19	NPLYZ0167FCZZ	AF		С	Pulley
	20	L X - B Z 0 6 1 8 F C Z Z	AA		С	Screw (4×4)(Black)
	21	VHPGP3A38//-1	AH		В	Photo transistor (GP3A38)
		XBPSD40P06000	AA		С	Screw (4×6)
	23	PGiDH0816FCZZ	AC		С	CL harness guide A [except AR-405,505]
L		LDAiU0610FCZZ	ΑE		С	Harness fixing base [AR-405,505]
		XBPSD40P06K00	AA		С	Screw (4×6K)
		MSPRC2603FCZZ	AD		С	Mirror motor adjusting spring
		XHBSD40P08000	AA		С	Screw (4×8)
		RMŌTP0829FCZZ	BP		В	Mirror motor
		LPLTM5425FCZZ	AG		С	Mirror motor fixing plate
		NBRGY0466FCZZ	AK		В	Ball bearing (M8-M16)
<u> </u>		LPLTM5495FCZZ	AF		С	Earth plate
		PGSK-0028FCZZ	AF		С	Gasket (UC-300281T)
-		CPLTM5435FC01	AR		С	Optical frame reinforce plate
-		L B S H Z 2 O 5 O S C Z Z	AB		C	Edge bushing (EDS-1208U)
-		PGSK-0026FCZZ	AG		С	Gasket (UC-300287)
-		PGSK-0027FCZZ XHBSE40P08000	AX AA		С	Gasket (UC-300281)
-		PGSK-0016FCZZ	AG		С	Screw (4×8)
\vdash		PTPE-0248FCZZ	AF		C	Gasket Tape (L=200)
		PSHEP4546FCZZ	AE		C	Harness protect sheet
		L B S H C O 3 4 2 F C Z Z	AC		C	Bushing
-		L H L D Z 1 3 8 1 F C Z Z	AL		C	ORS PWB holder
		CPWBF1294FC32	AX		E	ORS PD PWB
	44	XEBSD40P06000	AA		C	Screw (4×6)
		LPLTM5430FCZZ	AP		Č	OC fixing plate
		LPLTM4998FCZZ	AF		Č	Rear exterior fixing plate
	47	LPLTM5430FCZ1	AN	N	C	OC fixing plate [AR-505]
	48	PGSK-1002LCZZ	AC		С	Gasket B
	49	LPLTM5429FCZZ	AH		С	PWB fixing plate
		LPLTM5470FCZZ	AC		С	Protect plate
		LFiX-0537FCZZ	AD		С	Harness fixing plate
		CPWBF1396FC31	AP		Е	Interface PWB
	53	XHBSE40P06000	AA		С	Screw (4×6)
L	54	PTPE-0257FCZZ	AC		С	Aluminum tape (Australia, Europe, Russia, Taiwan, South Africa)
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7 Copy lamp unit

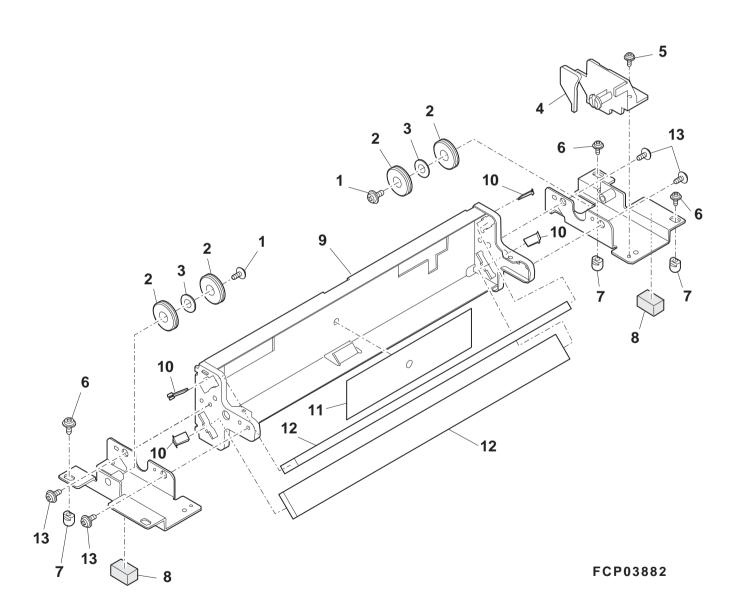
	NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRI	PTION
<u></u>		RLMPD0619FCZZ	BL	IVIAIN	В	Fluorescent lamp	[AR-280,285,335]
<u>^</u>		RLMPD0638FCZZ	BL		В	Fluorescent lamp	[except AR-280,285,335]
Z:X		XHBSD30P06000	AA		C	Screw (3×6)	[CXCCPt 711 200,200,000]
F		L H L D Z 1 4 1 7 F C Z Z	AD		C	Lamp holder	
F		PSHEP4684FCZZ	AC		C	Lamp sheet	
		PREFL0172FCZZ	AK		C	Copy lamp reflector	[AR-405,505]
	5	PREFL0168FCZZ	AP		C	Copy lamp reflector	[except AR-405,505]
	6		AB		С	HV caution label	<u> </u>
	_	LPLTM5636FCZZ	AG		C	Support plate R	[AR-405,505]
	/	LPLTP5473FCZZ	ΑL		С	Side plate R	[except AR-405,505]
		MSLi-0138FCZZ	AC		С	Slider	[AR-405,505]
	8	CSLi-0057FC32	AF		Е	Slider unit (4PCS/SET)	[except AR-405,505]
	9	PCUSU0203FCZZ	ΑE		С	Cushion	
	10	LDAiU0604FCZZ	AM		С	Base	[AR-405,505]
	10	LDAiU0587FCZZ	AQ		C	Base	[except AR-405,505]
	11	LPLTM5635FCZ1	AG		C	Support plate F	[AR-405,505]
	11	LPLTP5472FCZZ	AK		С	Side plate F	[except AR-405,505]
	12	LFiX-0284FCZZ	AC		С	Mirror fixing plate	
	13	PM i R - 0 1 5 9 F C Z Z	AS		В	1st mirror	[AR-405,505]
	13	PMiR-0156FCZZ	AS		В	1st mirror	[except AR-405,505]
	14	LHLDW1418FCZZ	AC		С	CL lead harness holder	[AR-405,505]
	17	LHLDW1388FCZZ	AF		С	Mini clamp	[except AR-405,505]
	15	DHA i - 3 0 3 7 F C Z Z	AG		С	CL lead harness	[AR-405,505]
L		DHAi-2912FC11	AW		С	Interface harness	[except AR-405,505]
	16	PSHEP4682FCZZ	ΑE		С	Protective sheet	
	17	CPWBF1370FC31	BK		Е	Inverter PWB	[AR-405,505]
		CPWBF1307FC32	BK		E	Inverter PWB	[except AR-405,505]
		PCUSF0334FCZZ	AP		С	Mirror cushion	
		LHLDZ1387FCZZ	AH		С	Insulator holder	[except AR-405,505]
L		MSPRP2101FCZZ	AC		С	Mirror spring	[except AR-405,505]
		CPWBF1308FC31	AR		E	Interface PWB	[except AR-405,505]
		DHA i - 2912FCZZ	AW		С	CL harness	[except AR-405,505]
		XEBSF30P06000	AA		С	Screw (3×6)	[except AR-405,505]
L		XHBSD30P08000	AA		С	Screw (3×6)	[except AR-405,505]
L		XBPSD30P05000	AA		С	Screw (3×6K)	[except AR-405,505]
L		XEBSF30P05000	AA		С	Screw (3×5)	[except AR-405,505]
L	27	XBPSD30P06KS0	AA		С	Screw (3×6)	[except AR-405,505]
. L		(Unit)			_		
<u>^</u>	901	CREFL0168FC32	BR		E	Copy lamp unit	[except AR-405,505]
\triangle		CREFL0172FC31	BQ		Е	Copy lamp unit	[AR-405,505]
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8 2nd,3rd mirror holder unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	LX-BZ0618FCZZ	AA		С	Screw (4×4)(Black)
	NPLYZ0167FCZZ	ΑF		C	Pulley
	L X - W Z 1 0 0 3 H C Z Z	AA		C	Washer (8.2×11×0.5)
	LHLDZ1318FCZZ	AK		C	CL pulley holder
	XHBSD30P08000	AA		С	Screw (3×8)
	XEPSD40P06000	AA		С	Screw (4×6)
	CSLi-0103FC31	ΑF		Е	Slider (4pcs/set)
	PCUSS0201FCZZ	AA		С	MB-B cushion
	L H L D Z 1 3 8 2 F C Z Z	AR		С	2nd,3rd mirror holder
	LFiX-0284FCZZ	AC		С	4th 5th mirror fixing plate F
	PSHEZ4530FCZZ	AD		С	Holder sheet
	PMiR-0155FCZZ	AP		В	2nd,3rd mirror
13	L X - B Z 0 3 3 5 F C Z Z	AA		С	Screw (4×6)(Red)
	(Unit)				
901	CHLDZ1382FC31	BF		Е	2nd,3rd mirror holder unit
	·				

8 2nd,3rd mirror holder unit



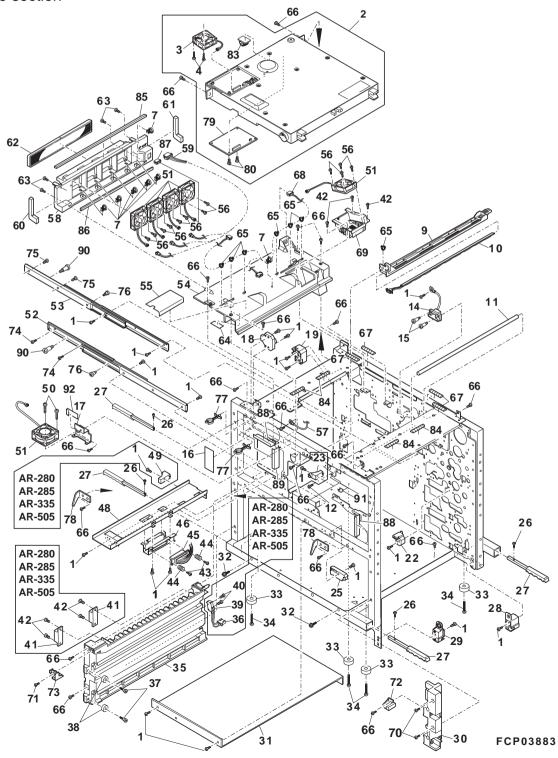
9 Frame section

9	rame section				
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XHBSE40P08000	AA	IVII (I CI C	C	Screw (4×8)
	DUNT-6984FC22	CL		Ē	LSU unit [AR-280,285,335]
	DUNT-6984FC21	CN		Е	LSU unit [AR-250,281,286,336]
2	DUNT-6984FC20	CT		Е	LSU unit [AR-405]
	DUNT-6984FC30	CU	N	Е	LSU unit [AR-505]
	NFANP0053FCZZ	BA		В	LSU fan motor
	XBPSD30P18KS0	AA		С	Screw (3×18KS)
	LBNDJ0043FCZ1	AA		С	Snap band
	LHLDZ1368FCZZ	AL		C	DL holder
	CPWBF1098FC31	AY		E	DL PWB LSU holder shaft
	N S F T Z 2 5 0 1 F C Z Z X B P S D 4 0 P 0 8 K S 0	AA		C	Screw (4×8KS)
	DHA i - 2822FCZZ	AS		C	Process interface harness
	L X - B Z 0 8 4 3 F C Z Z	AC		C	Screw
	PSHEP4666FCZZ	AC		C	Harness protect sheet
	LPLTM5601FCZZ	AG		C	Fan fixing plate F
	L D A i U 0 5 8 2 F C Z Z	AE		C	Delivery control base F
	LDAiU0583FCZZ	AE		C	Delivery control base R
	LDAiU0580FCZZ	ΑE		C	ADU control base R
23	MHNG-0203FCZZ	AD		С	Delivery exterior hinge R [AR-280,285,335,505]
24	LRALM0149FCZZ	AG		С	Suction rail F
	LDAiU0581FCZZ	AE		С	ADU control base F
	L X - B Z 0 8 4 1 F C Z Z	AD		С	Handle fixing screw
27		AK		С	Base plate handle
	LHLDZ1364FCZZ	AD		С	Right door fulcrum holder R
	LHLDZ1363FCZZ	AD		С	Right door fulcrum holder F
	CRALP0161FC01	ΑT		С	Tray rail R
	LPLTM5463FCZZ	AS		С	Invoice plate
	X X H U W 4 0 L 3 0 0 0 0	AD		С	Screw (4×30)
	PGUMS 0 1 8 2 F C Z Z	AC		С	Rubber foot
	XBBSD50P16000	AB		С	Screw (5×16)
	LRALP0160FCZZ	BA AF		С	Tray rail L
	D H A i - 2 8 4 4 F C Z Z L X - B Z 0 8 3 7 F C Z Z	AC		C	DSWL interface harness [except AR-405]
	PCLR-0441FCZZ	AK		C	Screw collar
	QSW-M0319FCZZ	AG		В	Door switch [AR-280,285,335,505]
	XEBSD30P16000	AA		С	Screw (3×16) [AR-280,285,335,505]
	PMAGT0072FCZZ	AF		В	Magnet catch [AR-280,285,335,505]
	XEBSD30P10000	AA		С	Screw (3×10) [AR-280,285,335,505]
	L X - B Z 0 5 1 0 F C Z Z	AB		C	Screw (3×10) [AN-200,263,353,505]
	MSPRC2662FCZZ	AB		C	Drawer spring
	DHA i - 2875FCZZ	ВС		Č	Delivery interface harness
	LPLTM5609FCZZ	AF		C	Delivery connector fixing plate
	LRALM0147FCZZ	AQ		C	Fusing rail
49	MHNG-0202FCZZ	AD		С	Delivery exterior hinge F [AR-280,285,335,505]
50	XBPSD40P30000	AA		С	Screw (4×30)
51	NFANP0047FCZZ	AY		В	Fan (60X25P) [AR-280,285,335]
	NFANP0060FCZZ	AX		В	Fan (60X25μ) [except AR-280,285,335]
	MSLi-0132FCZZ	AX		С	Delivery turnover slider F
	MSL i - 0 1 3 3 F C Z Z	AX		С	Delivery turnover slider R
	PDUC-0148FCZZ	AW		D	Main duct 1
	PSHEZ4605FCZZ	AK		С	Duct sheet
	XEPSD40P35000	AA		С	Screw (4×35)
	DHA i - 2949FCZZ	AF		С	Operation ESDFG harness
	PDUC-0149FCZZ	AR	-	D	Main duct 2
	DHAi - 2896FC11	AY AE		С	VFM interface harness
	PSEL - 0 7 6 4 F C Z Z PSEL - 0 7 6 5 F C Z Z	AE	 	C	Duct seal F Duct seal R
	PFiLZ0265FCZ1	BA		В	Ozone filter
	XEBSD40P16000	AA	—	С	Screw (4×16)
	PSHEP4655FCZZ	AC		C	Duct lower sheet
	L B N D J 0 0 1 3 F C Z 1	AA		C	Wire band
	XHBSE40P08000	AA		C	Screw (4×8)
	MSPRP2411FCZZ	AS		C	Mother board finger (975400217)
	DHA i - 3 0 2 4 F C Z Z	AT		C	Main duct harness
69	PDUC-0151FCZZ	AG		D	Sub duct
	XHBSE40P14000	AA		С	Screw (4×14)
	XEBSE40P14000	AA		С	Screw (4×14)
	LSTPP0344FCZZ	AC		С	Tray stopper right
	LSTPP0345FCZZ	AC		С	Tray stopper left
	XBBSD40P06000	AA		С	Screw for 2 bin delivery turnover unit (4×6)
	XBBSD40P20000	AA		С	Screw for 2 bin delivery turnover unit (4×20)
	L X - B Z 0 1 5 6 F C Z Z	AA	-	С	Screw [AR-250,280,281]
	LHLDW1061FCZZ	AB		С	Harness holder (HL-18-0)
78	MHNG-0200FCZZ	AE	-	C	Front exterior hinge
	CPWBF1378FC51	AZ	-	E	Clock PWB [except AR-405,505]
79	CPWBN1318FC52	BQ	N.I	E	LSU control PWB [AR-405]
00	CPWBN1418FC51	BR	N	E	LSU control PWB [AR-505]
	X E B S D 3 0 P 0 8 0 0 0 L H L D W 2 3 4 1 R C Z Z	AA AB	 	С	Screw (3×8)
83	LILDWZJ4INUZZ	A D		С	Locking wire holder (CKN-05)

9 Frame section

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
84	LPLTP1015ACZZ	AH		С	Earth band
85	PSHEZ4629FCZZ	AC		С	Duct protect sheet
86	PSHEZ4656FCZZ	AC		С	Duct protect sheet 2
87	QCNCM1000FCZZ	AC		С	Connector (BU3P-TR-P-H)
88	PSHEP4720FCZZ	AD		С	Sheet (50)
89	PSHEP4721FCZZ	AD		С	Sheet (100)
90	L X - B Z 0 6 8 4 F C Z Z	AB		С	ADU fixing screw [except AR-280]
91	PSHEP4672FCZZ	AC		С	Process guide sheet
92	PSHEZ4668FCZZ	AC		С	Protection sheet
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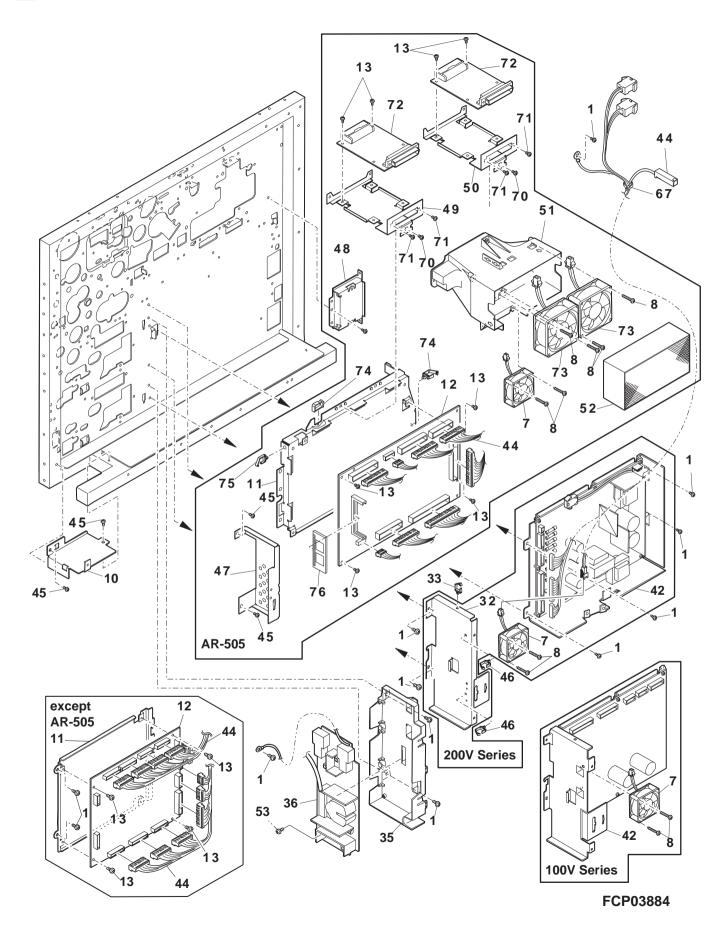
9 Frame section



10 Rear frame 1(PCU PWB,DC power PWB etc.)

	U	Rear frame 1(PCU		,- • -		,
	O.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
H	_	XHBSE40P08000	RANK A A	MARK	RANK C	
		LFRM-0937FCZ2	AN		C	Screw (4×8) Frame L
		NFANP0048FCZZ	AY			Fan (60X20P)
		XEPSD40P30000	AA		C	Screw (4×30)
		LPLTM5381FCZZ	AK			Board support plate right
	11	LPLTM5399FCZZ	AN			PCU fixing plate [except AR-505]
L		LPLTM5667FCZZ	AP	N		PCU fixing plate [AR-505]
	12	CPWBN1267FC53 CPWBN1415FC51	CB CB	N.		PCU PWB [except AR-505]
H		XBPSD40P06000	AA	N	E C	PCU PWB [AR-505] Screw (4×6)
H		CPLTM5400FC01	AP			Board support plate (200V series,AR-280,285,335:All)
H		L H L D W 1 0 5 7 F C Z Z	AB		C	Wire holder (LWS-3S)
		LHLDZ1376FCZZ	AL			High voltage PWB holder
	20	RTRNZ0547FCZZ	ВТ			High voltage PWB [except AR-505]
	36	RTRNZ0547FCZ1	BS	N		High voltage PWB [AR-505]
<u>^</u>	42	CPWBF1386FC31	CA			DC power supply PWB (100V series)
<u>^</u>		CPWBF1287FC31	CE			DC power supply PWB (200V series)
		DHAi - 2954FC11 DHAi - 3070FCZZ	BY BY			Main harness [AR-280,285,335]
		DHA I - 3 0 7 0 F C Z Z	AP			Main harness (100V series)[except AR-280,285,335,505] Main harness (200V series)[except AR-280,285,335,505]
		DHA i - 3 1 0 3 F C Z Z	BT	N		Main harness (200V series)[except AR-280,285,335,505] Main harness [AR-505]
\vdash	45	XHBSE40P08000	AA	IN	C	Screw (4×8)
		L H L D W 7 0 0 5 S C Z Z	AB			Wire holder (LS-10)
t		LSTYM0254FCZZ	AG	N		PCU fixing stay [AR-505]
f	48	LPLTM5665FCZZ	AH	N	С	fixing plate [AR-505]
Ĺ		LPLTM5666FCZZ	AG	N	С	SCSI I/F plate [AR-505]
L		LPLTM5666FCZ1	AF	N	С	SCSI I/F plate [AR-505]
-		PDUC-0160FCZZ	AP	N	С	Duct [AR-505]
╟		PFiLZ0280FCZ1 XEBSD30P06000	BC AA	N	С	Ozone filter [AR-505]
╟		L B N D J 0 0 1 4 F C Z 1	AB		C	Screw (3×6) Wire band (Australia, Europe, Russia, Taiwan, South Africa)
╟		LPLTM5667FCZZ	AP	N		PCU fixing plate [Australia, Europe, Russia, Taiwan, South Ainca)
		XBBSD40P06000	AA	.,	C	Screw (46)
		XBPSE25P08000	AA		С	Screw (2.58) [AR-505]
		CPWBN1422FC51	ВА	N	E	SCSI I/F PWB (This include No.100~102) [AR-505]
		NFANP0056FCZZ	AX			Fan (8525P) [AR-505]
_		L B S H Z 2 O 5 O S C Z Z	AB			Edge bushing (EDS-1208U)
		LHLDW1154FCZZ	AC BF	N.	С	Wire holder (LWS5S2W)
		V H i 2 8 F 0 8 1 - 1 1 F Q C N C M 1 0 4 3 F C Z Z	AK	N N	B C	PCU Flash PWB Connector (DHBPA50R13N) [Refer to No.72]
		QCNCW7036XC5J	AP	IN	C	Connector (PCSXE50LFDT) [Refer to No.72]
F		Q 0 11 0 11 7 0 0 0 71 0 0 0				
	102	VHViCPN50//-1	ΑE		С	Connector (ICPN50) IRefer to No.721
	102	VHViCPN50//-1	AE		C	Connector (ICPN50) [Refer to No.72]
L	102	VHV i CPN 5 0 / / - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		С	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE		C	Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) Refer to No.72
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Reter to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]
	102	VHV i CPN 5 0 // - 1	AE			Connector (ICPN50) [Refer to No.72]

10 Rear frame 1(PCU PWB,DC power PWB etc.)



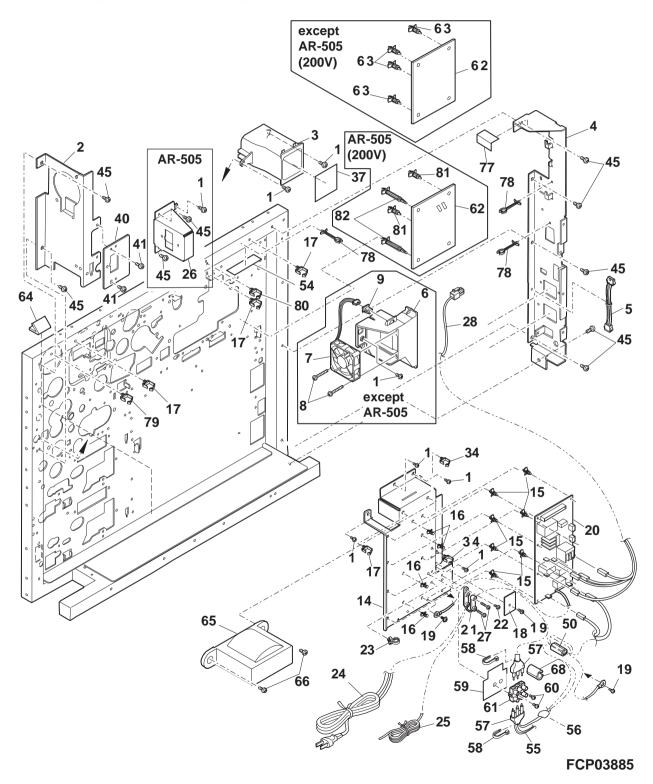
11 Rear frame 1(AC PWB, Frame etc)

11 F	Rear frame 1(AC P		rame		
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	XHBSE40P08000	AA		С	Screw (4×8)
	LFRM-0938FCZZ	AL		С	Frame R
	PDUC-0147FCZZ	AH		D	Duct 1
	DHA i - 2898FCZZ	AF		С	DSWLL harness [AR-280,285,335,505]
	PDUC-0150FCZZ	AL		D	Duct
	NFANP0048FCZZ	AY		В	Fan (60X20P)
	XEPSD40P30000	AA		С	Screw (4×30)
9	QCNCM0999FCZZ	AC		С	Connector (BU02P-TR-PH)
12	CPWBN1267FC53	СВ		Е	PCU PWB [except AR-505]
12	CPWBN1415FC51	СВ	N	Е	PCU PWB [AR-505]
	LPLTM5398FCZ1	AR		С	AC PWB fixing plate (100V series)[AR-280,285,335]
14	LPLTM5655FCZZ	AQ		С	AC PWB fixing plate (100V series)[except AR-280,285,335]
	LPLTM5398FCZ1	AR		С	AC PWB fixing plate (200V series)
15	LSUPP0060FCZZ	AA		C	PWB supporter (SPLS-6)
	LSUPP0076FCZZ	AA		C	PWB supporter (SPS-6)
	LHLDW1264FCZZ	AD		C	Wire holder (LWS-8S-2.5W) [except AR-505]
	PSHEP4529FCZZ	AD		C	AC sheet (200V series)
	XBPSD40P06K00	AA		C	Screw (4×6K)
13	CPWBF1290FC51	BN		E	AC PWB (100V series)[AR-280,285,335]
	CPWBF1306FC51	BS		E	AC PWB (Taiwan only)[AR-280,285,335]
		BQ			
20	CPWBF1395FC51 CPWBF1395FC52	BM	N1	E	AC PWB (100V series)[except AR-280,285,335,505]
	CPWBF1395FC52		N	E	AC PWB (100V series)[AR-505]
	CPWBF1291FC51	BR		E	AC PWB (200V series)[except AR-505]
-	CPWBF1291FC52	BR	N	E	AC PWB (200V series)[AR-505]
21	LFiX-0084FCZZ	AC		С	AC cord holder (120V/127V) (100V series)
	LFIX-UUIBFUZZ	AD		С	AC cord holder (200V series)
	XBPSD40P08KS0	AA		С	Screw (4×8KS)
23	L B N D J 0 0 4 3 F C Z 1	AA		С	Snap band
7	DHAi-2903FC20	ΑT		В	AC cord (Taiwan)[AR-280,285,335]
7 7 7	DHA i - 2903FCZZ	AX		В	AC cord ?SF(Taiwan)[except AR-280,285,335,405,505]
7	DHAi-2903FC11	AY		В	AC cord (USA,CANADA,Brazil)[AR-280,285,335]
\	DHAi-2903FC31	AX	N	В	AC cord (USA,Canada,Brazil)(100V series)[AR-505]
\	DHAi-2903FC21	ΑY		В	AC cord (USA,Canada,Brazil)[except AR-280,285,335,505]
`	QACCL 8 4 2 1 QCN 1	AX		В	AC cord (Australia)
	QPLGA4171CCZZ	AN		В	AC cord plag (South Africa, Hong Kong)
	QACCE7422QC77	ВВ		В	AC cord (U.Kingdom,Saudi Arabia)
24	DHAi-2903FC22	ВС		В	AC cord (Saudi Arabia)[except AR-280,285,335]
\	DHAi - 2903FC16	BC		В	AC cord (Saudi Arabia)[AR-280,285,335]
7	QACCV6420QCN2	AU		В	AC cord (Europe,Russia,Singapore,Malaysia)
24 24 24 24	QPLGA0003QCZZ	AN			
7	QCNW-0001QCZZ			В	AC cord plag (Singapore, Malaysia)
7		AN		С	AC Wire (South Africa, Hong Kong, Singapore, Malaysia)
	PHOG-1023CCZZ	AB		С	AC plug protecter (South Africa,Sri Lanka,Hong Kong,India)
7	QPLGA0001QCZZ	AN		В	AC cord plag (Technolarco only)
	QACCJ3410QCZZ	AS		В	AC cord (Other countries)
	DHA i - 2 9 0 4 F C Z Z	AN		С	Earth core (Taiwan)
26	LPLTM5675FCZZ	AF	N	С	Connector fixing plate [AR-505]
27	XBPSD40P25XS0	AA		С	Screw (4×25XS) (120V/127V)
	XBPSD40P20XS0	AA		С	Screw (4×20XS) (Except 120V/127V)
	DHAi-2952FC11	BH		С	AC harness (100V series)[AR-280,285,335]
	DHA i - 3 0 9 7 F C Z Z	BK		С	AC harness (100V series)[AR-250,281,286,336]
	DHA i - 3 0 6 8 F C Z Z	BK		С	AC harness (100V series)[AR-405]
1	DHA i - 3 1 0 0 F C Z Z	BA	N	С	AC harness (100V series)[AR-505]
	DHAi-2959FC11	BK		С	AC harness (200V series)[AR-280,285,335]
28	DHAi-2959FC12	BK	Щ_	С	AC harness (200V series)[AR-250,281,286,336]
	DHAi-3069FCZZ	BA		С	AC harness (200V series)[AR-405]
	DHA i - 3 1 0 1 F C Z Z	BA	N	С	AC harness (200V series)[AR-505]
	DHA i - 3 0 8 9 F C Z Z	BG		С	AC harness (Taiwan only)[AR-280,285,335]
	DHAi-3098FCZZ	BK		C	AC harness (Taiwan only)[AR-250,281,286,336]
1	DHA i - 3 0 9 2 F C Z Z	BL		C	AC harness (Taiwan only)[AR-405,505]
34	LHLDW2106SCZZ	AB		C	Wire holder (WS-2WS) (AR-405,505:200V series)
	PFiLD0263FCZZ	AL		В	Filter
	LPLTM5489FCZZ	AE		C	Connector fixing plate B
	XHBSE30P06000	AA		C	SCrew (3x6)
	XHBSE40P08000	AA		C	Screw (4×8)
	RCORF0031FCZZ	AT	1	C	Ferrite core (ZCAT3035133) (100V series)
	PSHEP4720FCZZ	AD	-	C	Edge protective sheet (50)
	DHAi - 2854FC11	AL	1	C	3P terminal base harness (200V series)
	RCiLF0104FCZZ	AS	NI.	C	
			N		Earth inductor coil (200V series)
	PHOG-0346FCZZ	AB	-	С	3P terminal base cover (200V series)
	LBNDJ0013FCZ1	AA		С	Wire band (200V series)
	PSHEP1804FCZZ	AB		С	3P terminal protect sheet (200V series
	XBPSD30P14000	AA		С	Screw (3×14) (200V series)
	QTANN0015FCZZ	AG		С	3P terminal base (200V series)
	CPWBF1364FC51	AX		E	Filter PWB (Australia, Europe, Russia, Taiwan, South Africa)
	LSUPP0060FCZZ	AA		С	PWB supporter (Australia, Europe, Russia, Taiwan, South Africa) [except AR-505]
	PGSK-0028FCZZ	AF		С	Gasket (Australia, Europe, Russia, Taiwan, South Africa)
65	RCiLF0099FCZZ	AY		С	Reactor coil (Australia, Europe, Russia, Taiwan, South Africa)
66	XHBSE40P08000	AA		С	Screw (4×8) (Australia, Europe, Russia, Taiwan, South Africa)
68	RCORF1039LCZZ	AN		С	Ferrite core (SFC3PU) (200V series)
	PSHEP4786FCZZ	AD	N	С	Protect sheet
	·				•

11 Rear frame 1(AC PWB,Frame etc)

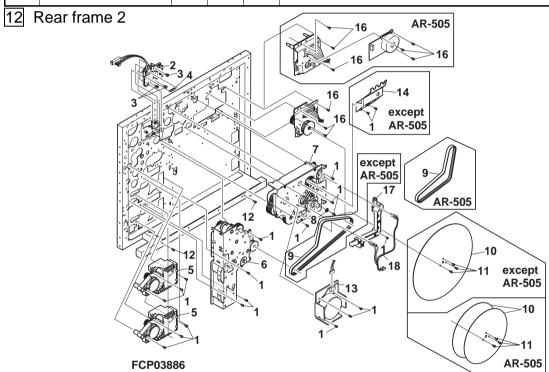
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
78	LHLDW1061FCZZ	AB		С	Holder (HL-18-0)	[AR-505]
79	LHLDW1264FCZZ	AD		С	Wire holder (LWS-8S-2.5W)	[AR-505]
80	LHLDW1264FCZZ	AD		С	Wire holder (LWS-8S-2.5W)	
81	LSUPP0115FCZZ	AB		С	PWB supporter,short	(SPLSN3)(Australia, Europe, Russia, Taiwan, South Africa)[AR-505]
82	LSUPP0112FCZZ	AC		С	PWB supporter,long	(SPLS-14)(Australia, Europe, Russia, Taiwan, South Africa)[AR-505]

11 Rear frame 1(AC PWB,Frame etc)



12 Rear frame 2

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	XHBSE40P08000	AA		С	Screw (4×8)	
_	CFRM-0943FC51	ΑZ	N	Е	DV drive unit	[except AR-405,505]
2	CFRM-0943FC52	ΑZ	N	Е	DV drive unit	[AR-405,505]
3		AB		С	Screw	
	MSPRC2617FCZZ	AC		C	DV tension spring	
5	CDA i U 0 5 7 7 F C 3 1	BE		Е	Lift up unit	
	CFRM-0945FC31	BV		Е	Paper feeding drive unit	[except AR-405,505]
6	CFRM-0945FC33	BU		Е	Paper feeding drive unit	[AR-405]
	CFRM-0945FC34	BW	N	Е	Paper feeding drive unit	[AR-505]
	CFRM-0939FC53	BT		Е	Main drive unit	[except AR-405,505]
7	CFRM-0939FC54	BT		Е	Main drive unit	[AR-405]
	CFRM-0939FC55	BU	N	E	Main drive unit	[AR-505]
8	XWVSD40-05000	AA		С	Washer	
9	NBLTH0323FCZZ	AK		В	Main belt	[except AR-505]
·	NBLTH0325FCZZ	AK	N	В	Belt	[AR-505]
10	N F L Y - 0 0 0 7 F C Z Z	AQ		С	Flay wheel	
11		AA		С	Screw (4×14K)	
12	XXHUW40L30000	AD		С	Screw (4×30)	
	RMŌTP0827FCZZ	BR		В	Main motor	[except AR-405,505]
13	RMŌTP0849FCZZ	BR		В	Main motor	[AR-405]
	RMŌTP0851FCZZ	BR	N	В	Main motor	[AR-505]
	PGiDM1827FCZZ	AH		С	Guide	[except AR-505]
	XHBSD40P08000	AA		С	Screw (4×8)	
17	PGiDM1800FCZZ	AK		С	High voltage harness guide	
18	DHA i - 2827FCZZ	AL		С	HV harness	<u> </u>



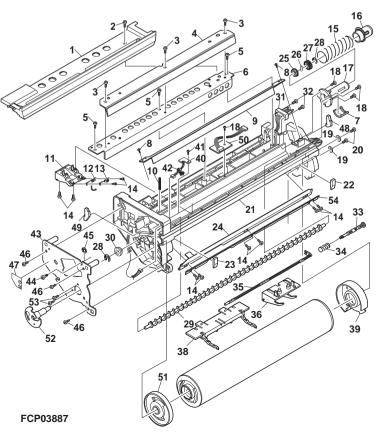
13 Photo conductor unit

	<u> </u>						
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION		
	PCŌVP1433FCZZ	AP		С	Process frame cover		
2	XBBS240P08000	AB		С	Screw (4×8)		
3	XBPS240P06000	AA		С	Screw (4×6)		
4	UCLEZ0149FCZZ	ΑU		С	Blade		
5	XEBSD40P08000	AA		С	Screw (4×8)		
6	LSTYM0227FCZ1	AK		С	Blade stay		
7	PMLT-1163FCZZ	AC		С	Waste toner pipe cushion		
_	XEPSD30P06000	AA		С	Screw (3×6)		
9	UCLEZ0151FCZ1	AS		С	Toner cleaner		
10	MSPRC2622FCZZ	AB		С	Earth spring		
11	L H L D Z 1 3 6 7 F C Z 1	AF		С	Sensor holder		
12	CPWBF0976FC54	AR		Е	ID PWB		
13	PCŌVP1184FCZ1	AC		С	DR sensor cover		
14	XEPSD30P08000	AA		С	Screw (3×8)		
15	MSPRC2620FCZZ	AD		С	Shutter spring		
	PSHT-0074FCZZ	AF		С	Waste toner shutter		
17	PPiPP0197FCZZ	AF		С	Waste toner pipe		
18	XEBSD30P08000	AA		С	Screw (3×8)		

13 Photo conductor unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
19	L X - W Z 0 0 6 6 F C Z Z	AA		С	Washer
20	L X - B Z 0 6 1 1 F C Z Z	AB		С	Screw
21	LFRM-0950FCZZ	AX		С	Process frame
22	PSEL-0750FCZ1	AG		С	Side seal R
23	PSEL-0749FCZ1	AG		С	Side seal F
	LRALM0165FCZZ	AF		С	MC rail
	NBRGP0322FCZZ	AC		С	Bearing MX
	LPiNS0297FCZZ	AB		С	Pin (\$\phi 2-6)
	NGERH1074FCZZ	AD		С	Waste toner gear
	XRESP40-06000	AA		С	E type ring
	N S R W - 0 0 2 8 F C Z Z	AK		С	Waste toner screw
	NBRGP0321FCZZ	AD		С	Bearing
	DHA i - 2833FCZZ	ΑT		С	Process harness
	XEBSD30P10000	AA		С	Screw (3×10)
	MLEVP0745FCZ1	AC		С	Pawl sub lever
	MSPRC2623FCZZ	AB		С	Pawl lever spring
	MLEVP0744FCZZ	AF		С	Pawl lever
	PTME-0225FCZZ	AC		С	Separater pawl R
	L X - W Z 0 3 1 0 F C Z Z	AB		С	Washer
38	CTME-0211FC33	AY		Е	Separator pawl fixing plate unit [except AR-505]
	CTME - 0 2 1 1 F C 3 4	AZ	N	E	Separator pawl fixing plate unit [AR-505]
	LPFTF0097FCZ1	AP		С	DSD flange R
	CPWBF0975FC52	AR AA		E	DMS PWB
	XCPSD20P05000	AA		С	Screw (2×5)
	L B N D J 0 0 4 3 F C Z 1 C P L T M 5 3 8 9 F C 0 1	AP		С	Snap band
	LX-BZ0656FCZZ	AD		С	Process F plate
	XRESP50-06000	AA		С	Screw
	XEPSD40P08000	AA		C	E type ring
	TCAUH1034FCZZ	AD		C	Screw (4×8) HV caution label
	PMLT-1162FCZ1	AD		C	Side cushion R
	PMLT-1161FCZ1	AD		C	Side cushion F
	CPWBF1359FC51	BC		E	Thermister PWB
	LPFTF0101FCZZ	AP		C	DSD flange FC
	CPLTM4027FC08	AV		C	Drum shaft fixing plate (Australia, Europe, Russia, South Africa, Saudi Arabia) [except AR-405,505]
	CPLTM4027FC10	AT		С	Drum shaft fixing plate C (except Australia,Europe,Russia,South Africa,Saudi Arabia)[except AR-405,505]
	CPLTM5654FC01	AN		С	Drum shaft fixing plate C (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405,505]
	CPLTM5654FC02	AN		C	Drum shaft fixing plate C (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405,505] Drum shaft fixing plate Qexcept Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405,505]
	XBBS240P08000	AB		C	Screw (4×8)
	UCLEZ0158FCZZ	AP		C	Toner holder sub blade
J-4	0022201001022	7.1			TOTAL HORSE SUD DISCUS
			-	-	

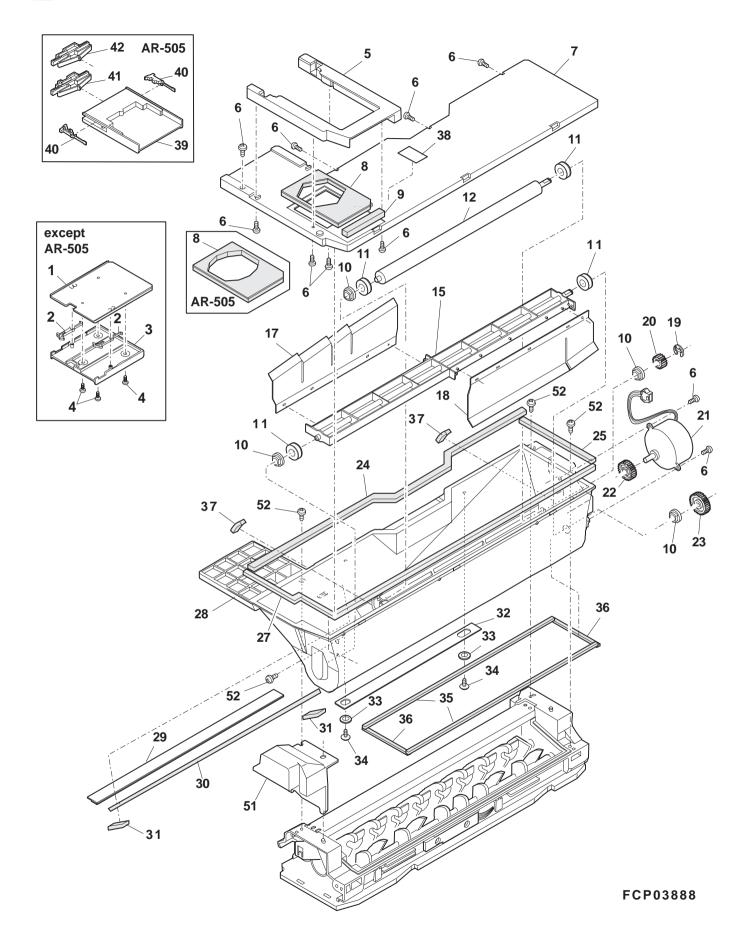
13 Photo conductor unit



14 Toner hopper unit

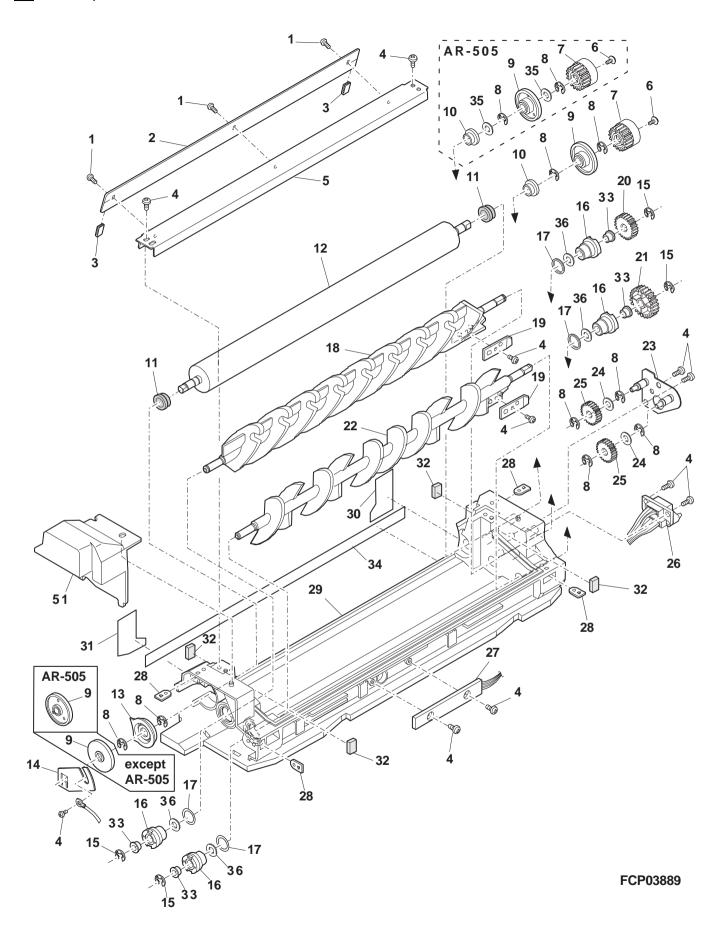
14	Toner hopper unit				
NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
-110.	PFTA-0119FCZZ	RANK AE	MARK	RANK	
1	PFTA-0119FCZZ	AE		C	Hopper cover upper B (Australia, Europe, Russia, South Africa, Saudi Arabia) Hopper cover upper A (Except Australia, Europe, Russia, South Africa, Saudi Arabia)
2	MARMP0151FCZZ	AB		C	Lock arm [except Australia, Europe, Russia, 300th Allica,
	PFTA-0118FCZZ	AE		C	Hopper cover lower A (Australia, Europe, Russia, South Africa, Saudi Arabia) [except AR-405,505]
					Hopper cover lower B
	PFTA-0120FCZZ	AE		С	(except Australia, Europe, Russia, South Africa, Saudi Arabia) [except AR-405, 505]
3	PFTA-0126FCZZ	ΑE		С	Hopper cover lower WAB (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405, 505]
	PFTA-0124FCZZ	AE		С	Hopper cover lower WAA
				_	(Except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405,505]
4	LX-BZ0529FCZZ	AA		С	Screw
5	LRALP0162FCZZ	AG		С	Cartridge rail WA [except AR-505]
_	LRALP0162FCZ1	AF		С	Cartridge rail WA [AR-505]
	X E B S F 3 0 P 0 8 0 0 0 P C O V P 1 4 3 8 F C Z Z	A A A T		C	Screw (3×8)
	PSEL - 0 7 6 3 F C Z Z	AG		D C	Hopper cover Toner supply seal [except AR-505]
8	PSEL - 0 7 8 7 F C Z 1	AF	N	C	Toner supply seal [except AR-505] Toner supply seal [AR-505]
a	PMLT-1136FCZZ	AC	IN	C	Toner supply cushion
	NBRGP0299FCZZ	AC		C	DV bearing (M5)
	PSEL - 0 7 5 1 F C Z Z	AC		C	Toner seal
	NRŌLP1211FCZZ	AT		C	Toner roller
	NRŌLP1210FCZZ	AK		C	TMIX roller
	PSHEZ4519FCZZ	AG		C	TX sheet (2)
	PSHEZ4518FCZZ	AG		C	TX sheet
	XRESP40-06000	AA		C	E type ring
	NGERH1255FCZZ	AD		C	Toner roller gear
	RMOTD0826FCZZ	AX		В	Toner motor
22	NGERH1253FCZZ	AD		С	Toner motor gear
	NGERH1254FCZZ	AD		С	TMIX roller gear
24	PMLT-1133FCZZ	AC		С	Cushion B
25	PMLT-1134FCZZ	AC		C	Cushion C
	PMLT-1132FCZZ	AC		C	Cushion A
	PMLT-1189FCZZ	AD		С	Seal AD
	PBŌX-0117FCZZ	ΑZ		С	Toner hopper
	UCLEZ0152FCZZ	AN		С	DV blade
	PMLT-1142FCZZ	AD		С	Cushion (DV)
	PMLT-1145FCZZ	AA		С	Cushion (DV side)
	JHNDP0145FCZZ	AE		С	Handle CG
	L X - W Z O 2 2 5 F C Z Z	AA		С	Washer
	XUBSD30P05000	AA		С	Screw (3×5)
	PMLT-1141FCZZ	AC		С	Cushion F
	PMLT-1137FCZZ	AB		С	Cushion E
37	PMLT-1184FCZZ	AA AB		С	Hopper side cushion
	T L A B Z 4 3 6 1 F C Z Z T L A B Z 4 3 6 0 F C Z Z	AB		C	Label 4 (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405] Label 3 (Except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405]
38	T L A B Z 4 3 9 2 F C Z Z	AA	N	O	Label 3 (Except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-405] Label 4 (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-505]
	T L A B Z 4 3 9 1 F C Z Z	AA	N	C	Label 3 (Except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-505]
30	PSHT-0087FCZZ	AD	N	C	Hooper shutter [AR-505]
	PTME-0277FCZZ	AC	N	C	Lock Pawl [AR-505]
	MARMP 0 2 5 7 F C Z 1	AD	N	C	Lock arm (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-505]
	MARMP0257FCZZ	AD	N	C	Lock arm (Except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-505]
	PCOVP1452FCZZ	AG		D	DV F cover
	XBBSD40P10000	AA		C	Screw (4×10)
<u></u>	(Unit)			-	, ,,
	CBOX-0117FCE1	ВН		Е	Toner hopper unit A (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-280, 285, 335]
1	CBŌX-0117FCE2	вн		Е	Toner hopper unit B
1	OBOX UTT/FCE2	ВΠ			(except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-280, 285, 335]
1	CBŌX-0117FCE3	вн	1	Е	Toner hopper unit 40A
901	550% 01171023	ווט		_	(Australia, Europe, Russia, South Africa, Saudi Arabia) [except AR-280, 285, 335, 505]
1	CBŌX-0117FCE4	вн		Е	Toner hopper unit B
1			N.I		(except Australia, Europe, Russia, South Africa, Saudi Arabia) [except AR-280, 285, 335, 505]
	CBŌX-0117FCE6 CBŌX-0117FCE5	BA	N	E	Toner hopper unit 40A (Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-505] Toner hopper unit 40B (Except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-505]
—	OBOX-UII/FUE5	ВА	N	Е	Toner hopper unit 40B (Except Australia, Europe, Russia, South Africa, Saudi Arabia) [AR-505]
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14 Toner hopper unit



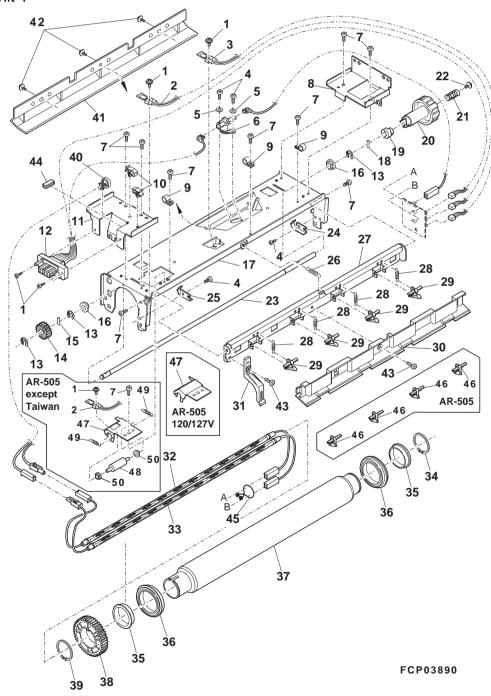
15 Developer unit

15	Developer unit				
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	
1	XBPBW30P06KS0	AC	IVIZITAL	C	Screw (4×6KS)
	LPLTM5420FCZZ	AP		C	Doctor (4xorto)
3	PSHEZ4523FCZZ	AB		С	Doctor sheet
4	XEBSD30P08000	AA		С	Screw (3×8)
5	LPLTM5421FCZZ	ΑT		С	Doctor sub plate
	XBPSD30P08KS0	AA		С	Screw (3×8KS)
	NGERH1338FCZZ	AC		С	Gear DV1
8	XRESP50-06000	A A A H		С	E type ring
٥	CCLR-0445FC01 CCLR-0445FC02	AH		C	DSD collar [except AR-405,50 DSD collar [AR-40
9	CCLR-0445FC02	AL	N	С	DSD collar [AR-40] DSD collar [AR-50]
10	NBRGC0580FCZZ	AG	IN	C	Bearing (\(\phi\)6)
	PRNGP0015FCZZ	AF		C	V ring (M6) [except AR-50
11	PRNGP0096FCZZ	AK		C	V ring (M6) [AR-50
10	NRŌLM1208FCZ1	BF		С	MG roller [except AR-50
12	NRŌLM1282FCZZ	BF	N	С	MG roller [AR-50
	LHLDZ1380FCZZ	AC		С	MG holder F
	LPLTM2430FCZZ	AC		С	Magnet adjusting plate
15	XRESP40-06000	AA		С	E type ring
16	NBRGP0589FCZZ	AK		С	G seal bearing [except AR-50
	LHLDZ1428FCZZ	AC	N	С	G seal bearing [AR-50
	PRNG-0100FCZZ NRŌLP1213FCZZ	AD AS		С	Seal ring
	PSHEP4722FCZZ	AC		E	MX roller B
	NGERH1266FCZZ	AD		C	Stir sheet MX gear (27T)
	NGERH1267FCZZ	AD		C	MX gear (271) MX gear (34T)
	NRŌLP1212FCZZ	AS		E	MX roller A
	CPLTM5423FC01	AK		C	Idle sub plate
	L X - W Z O 2 7 8 F C Z Z	AA		C	Washer (\(\phi 6-11\)
	CGERH1265FC01	AF		C	Idle gear (26T)
	DHA i - 2860 F C Z Z	AR		C	DV harness [except AR-405,50
26	DHAi-3066FCZZ	AR		С	DV harness [AR-40
	DHAi-3108FCZZ	AN	N	С	DV harness [AR-50
	RDTCT0136FCZZ	AY		С	ATC sensor
	LPLTM5422FCZZ	AC		С	M4 plare
	PBOX-0116FCZZ	AU		D	DV box
	PSEL-0755FCZ2	AE		С	DV side seal R
31	PSEL-0754FCZ2	ΑE		С	DV side seal F
31	PSEL-0754FCZ2 PMLT-1154FCZZ	AE AA		OΟ	DV side seal F DV side cushion
31	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z	AE AA AB	N	C C B	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50
31 32 33	PSEL-0754FCZ2 PMLT-1154FCZZ NBRGY7014SCZZ NBRGC0389FCZ1	AE AA AB AE	N	C C B	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50
31 32 33 34	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z	AE AA AB AE AD	N	C C B C	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet
31 32 33 34 35	PSEL-0754FCZ2 PMLT-1154FCZZ NBRGY7014SCZZ NBRGC0389FCZ1 PSHEP4617FCZZ LX-WZ0278FCZZ	AE AA AB AE AD AA		C C B C C	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet Washer
31 32 33 34 35 36	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z L X - W Z 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z	AE AA AB AE AD AA	N N	C C B C	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50
31 32 33 34 35 36	PSEL-0754FCZ2 PMLT-1154FCZZ NBRGY7014SCZZ NBRGC0389FCZ1 PSHEP4617FCZZ LX-WZ0278FCZZ	AE AA AB AE AD AA		C C B C C	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet Washer
31 32 33 34 35 36	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z L X - W Z 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PCOVP 1 4 5 2 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1	AE AA AB AE AD AA AG AG BT		C C B C C	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50
31 32 33 34 35 36	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT		C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z L X - W Z 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PCOVP 1 4 5 2 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1	AE AA AB AE AD AA AG AG BT		C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40
31 32 33 34 35 36 51	PSEL - 0 7 5 4 F C Z 2 PML T - 1 1 5 4 F C Z Z NBRGY 7 0 1 4 S C Z Z NBRGC 0 3 8 9 F C Z 1 PSHEP 4 6 1 7 F C Z Z LX - WZ 0 2 7 8 F C Z Z PSEL - 0 7 8 5 F C Z Z PSEL - 0 7 8 5 F C Z Z (Unit) CBOX - 0 1 1 6 F C E 1 CBOX - 0 1 1 6 F C E 2	AE AA AB AE AD AA AG AG BT BT	N	C C B B C C C D	DV side seal F DV side cushion Bearing B (B-F6-168) [except AR-50 Bearing B (B-S6-1340) [AR-50 Box sheet [AR-50 Washer [AR-50 G seal [AR-50 DV F cover [Except AR-405,50 Developer unit [except AR-405,50 Developer unit [AR-40

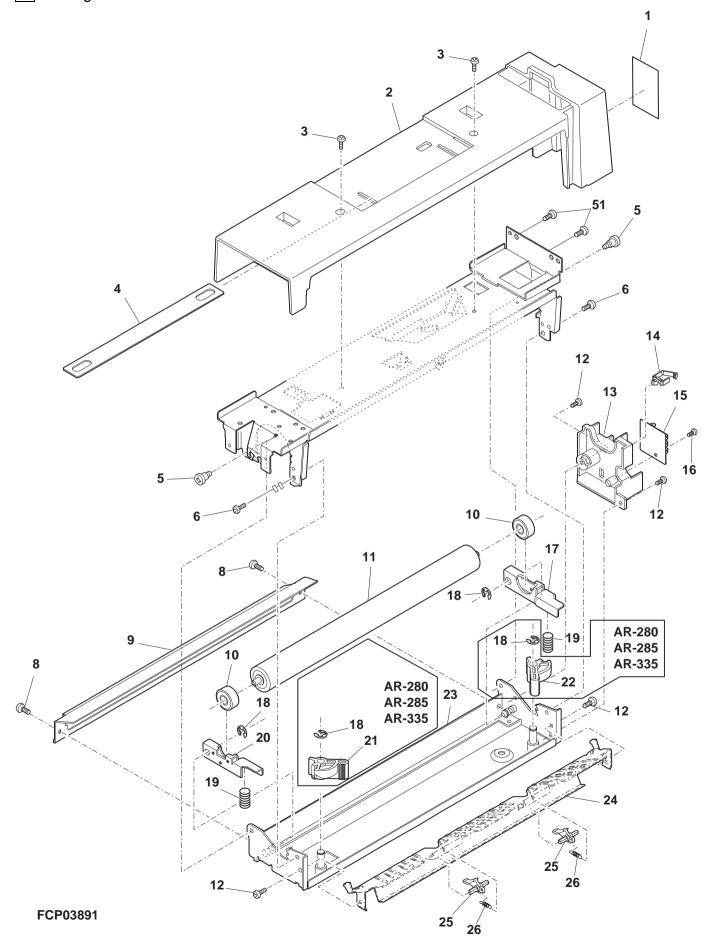


ļ	16 F	Fusing unit 1				
	NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
ľ	1	XBPSD30P10KS0	AB		С	Screw (3×10KS)
l		RDTCT0135FCZZ	AR		В	Thermistor (Sub) [except AR-505]
	2	RDTCT0145FCZZ	AQ	N	В	Thermistor (Sub) [AR-505]
		RDTCT0134FCZZ	AR		В	Thermistor (Main)
	4	XBPSD30P04000	AA		С	Screw (3×4)
	5	XWHSD30-05080	AA		С	Washer
\triangle	6	R T H M - 0 0 1 4 F C Z Z R T H M - 0 0 0 9 F C Z Z	AM AK		B B	Thermostat (100V/110V)
<u> </u>	7	XBBSD30P06000	AA		С	Thermostat (Except 100V/110V) Screw (3×6)
ŀ		L H L D Z 1 3 7 5 F C Z Z	AH		C	Lamp holder F
l		L H L D W O 9 1 O F C Z Z	AB		C	Heatproof holder
l	10	L H L D W 7 0 1 1 X C Z Z	AB		C	Holder (YMC-05-0)
	11	LHLDZ1374FCZZ	AH		С	Lamp holder R
		DHA i - 2 9 5 0 F C Z Z	BA		С	Fusing harness (120V/127V) (100V series)[AR-280,285,335]
		DHA i - 2 9 5 1 F C Z Z	BB		С	Fusing harness (200V series)[except AR-405,505]
		DHA i - 2837FCZZ	BA		С	Fusing harness (100V/110V) (for Taiwan)[except AR-405,505]
		DHAi - 3 0 9 6 F C Z Z DHAi - 3 0 7 4 F C Z Z	BA BB		C	Fusing harness (120V/127V) (100V series)[AR-250,281,286,336] Fusing harness (100V series except for Taiwan)[AR-405]
	12	DHA i - 3 0 7 5 F C Z Z	AP		C	Fusing harness (100V series except for raiwan)[AR-405] Fusing harness (200V series)[AR-405]
		DHA i - 3 0 7 3 F C Z Z	BA		C	Fusing harness (for Taiwan)[AR-405]
		DHA i - 3 1 0 5 F C Z Z	ВВ	N	C	Fusing harness (100V series except for Taiwan)[AR-505]
		DHAi-3106FCZZ	BB	N	С	Fusing harness (200V series)[AR-505]
		DHA i - 3 1 0 4 F C Z Z	AY	N	С	Fusing harness (for Taiwan)[AR-505]
		XRESP50-06000	AA		С	E type ring
		NGERHO863FCZZ	AB		С	Pick up roller gear (18T)
ŀ		L P i N - 0 0 2 6 M C Z Z N B R G M 0 0 9 6 F C Z 1	AA AB		С	Spring pin (\(\phi 2-10\)
ŀ		L F R M - 0 9 5 2 F C Z Z	AV		C	Bearing Fusing frame upper [AR-505(Taiwan only),and other models]
	17	L F R M - 0 9 5 2 F C Z 1	AS	N	C	Fusing frame upper [AR-505(raiwan only),and other models] Fusing frame upper [AR-505(except Taiwan)]
ŀ	18	LPiNS0096FCZZ	AB	14	C	Pin (\$3-12)
ı	19	LDAiU0450FCZZ	AB		Č	Ratchet block
	20	JKNBP0121FCZZ	ΑE		С	Fusing knob
		MSPRC1954FCZ1	AC		С	Ratchet spring
		L X - B Z 0 7 1 1 F C Z Z	AA		С	Screw (3×8)
		NSFTZ2461FCZZ	AM		С	Jam release shaft
ŀ		L F i X - 0 4 4 1 F C Z Z L F i X - 0 4 4 2 F C Z Z	AB AB		C	Fusing shaft fixing plate F Fusing shaft fixing plate R
ŀ		MSPRC2629FCZZ	AC		C	Open and shut spring S
ŀ		LPLTM5396FCZZ	AL		C	Upper pawl fixing plate
ı		MSPRC2692FCZZ	AB		C	Upper pawl spring
l		PTME-0168FCZZ	AF		C	Upper separator pawl
ĺ	30	PCOVP1442FCZZ	AR		С	Upper pawl fixing plate cover [except AR-505]
		PGiDM1882FCZZ	AP	N	С	Upper pawl fixing plate cover [AR-505]
		MLEVP0749FCZZ MLEVP0778FCZZ	AD AD		С	Open and shut lever [except AR-505]
٨		RLMPU0630FCZZ	AZ	N	C B	Open and shut lever [AR-505] Heater lamp(Sub) (120V/127V) (100V series except Taiwan)[except AR-405,505]
<u>∠:\</u>		RLMPU0618FCZZ	AZ		В	Heater lamp(Sub) (100V/110V) (for Taiwan)[except AR-405,505]
<u>^</u>		R L M P U 0 6 3 4 F C Z Z	BA		В	Heater lamp(Sub) (200V series) [except AR-405,505]
\triangle	20	RLMPU0643FCZZ	ΑZ		В	Heater lamp(Sub) (100V series except for Taiwan)[AR-405]
\triangle	32	RLMPU0641FCZZ	ΑZ		В	Heater lamp(Sub) (for Taiwan)[AR-405]
\triangle		RLMPU0655FCZZ	ΑZ	N	В	Heater lamp(Sub) (100V series except for Taiwan)[AR-505]
A		RLMPU0653FCZZ	AZ	N	В	Heater lamp(Sub) (for Taiwan)[AR-505]
\triangle		RLMPU0634FCZZ	BA		В	Heater lamp(Sub) (200V series)
		R L M P U 0 6 1 7 F C Z Z R L M P U 0 6 2 4 F C Z Z	AZ AZ		B B	Heater lamp(Main) (100V/110V) (100V serires except Taiwan)[except AR-405,505] Heater lamp(Main) (120V/127V) (for Taiwan)[except AR-405,505]
<u>∠:\</u> ∧		RLMPU0628FCZZ	BA		В	Heater lamp(Main) (120V127V) (101 Talwan)[except AR-405,505] Heater lamp(Main) (200V series) [except AR-405,505]
<u>~</u>		RLMPU0642FCZZ	AZ		В	Heater lamp(Main) (100V series except Taiwan)[AR-405]
$\overline{\mathbb{A}}$	33	RLMPU0640FCZZ	AZ		В	Heater lamp(Main) (for Taiwan)[AR-405]
\triangle		RLMPU0654FCZZ	ΑZ	N	В	Heater lamp(Main) (100V series excecpt Taiwan)[AR-505]
\triangle		RLMPU0652FCZZ	AZ	N	В	Heater lamp(Main) (for Taiwan)[AR-505]
Δ		RLMPU0628FCZZ	BA		В	Heater lamp(Main) (200V series)[AR-405,505]
ŀ		LSTPF0307FCZZ	AB		С	Roller stopper F
ŀ		L B S H Z 0 3 3 0 F C Z Z N B R G Y 0 5 9 9 F C Z Z	AP AU		C	Heat-resistant bush S Fusing bearing
ŀ	30	NRŌLT1228FCZZ	BF		C	Upper heat roller [except AR-505,AR-405:100V series]
	37	NRŌLT1277FCZZ	BE		C	Upper heat roller (200V series)[AR-405]
		NRŌLT1283FCZZ	BG	N	С	Upper heat roller [AR-505]
		NGERH1214FCZZ	AP		С	Fusing gear (48T)
		LSTPF0172FCZZ	AA		С	Roller stopper
ļ		L B N D J 0 0 4 3 F C Z 1	AA		С	Snap band
ŀ		PG i DM 1 8 3 9 F C Z Z	AQ AB		С	Fusing front upper paper guide
ŀ		L X - B Z 0 3 4 2 F C Z Z X B P S D 3 0 P 0 8 K S 0	AA		C	Screw (M3) Screw (3×8KS)
ŀ		PHOG-7004SCZZ	AD		C	Bushing
ŀ		L H L D W 1 3 3 4 F C Z Z	AA		C	Wire holder (Except 100V/110V)
ľ		PTME-0278FCZZ	AM	N	C	Fusing upper separate pawl [AR-505]
Ī	47	LPLTM5694FCZZ	AD	N	С	Top CL fixing plate (200V series)[AR-505]
		LPLTM5699FCZZ	AF	N	С	Top CL fixing plate (120V/127V)[AR-505]
ļ		NRŌLN0874FCZZ	AK		С	Fusing top roller [AR-505]
Į	49	MSPRT2815FCZZ	AD	N	С	CL roller SP [AR-505]

	NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
	50	NBRGC0249FCZZ	AC		С	Top CL roller bearing	[AR-505]
		(Unit)					
\triangle		DUNTW6931FC11	CC		Е	Fusing unit (120V/127V)	(100V series)[AR-280,285,335]
\triangle		DUNTW6931FC12	CC		Е	Fusing unit	(200V series)[AR-280,285,335]
\triangle		DUNTW6931FCZZ	CC		Е	Fusing unit (100V/110V)	(Taiwan)[AR-280,285,335]
\triangle		DUNTW6931FC14	CB		Е	Fusing unit	(120V/127V)[AR-250,281,286,336]
\triangle		DUNTW6931FC15	CC		Е	Fusing unit	(200V series)[AR-250,281,286,336]
\triangle	901	DUNTW6931FC13	СВ		E	Fusing unit (110V)	(Taiwan)[AR-250,281,286,336]
\triangle	901	DUNTW6931FC21	СВ		E	Fusing unit	(120V/127V)[AR-405]
\triangle		DUNTW6931FC22	CC		Е	Fusing unit	(200V series)[AR-405]
\triangle		DUNTW6931FC20	СВ		Е	Fusing unit (100V/110V)	(Taiwan)[AR-405]
\triangle		DUNTW6931FC31	CD	N	Е	Fusing unit	(120V/127V)[AR-505]
\triangle		DUNTW6931FC32	CD	N	Е	Fusing unit	(200V series)[AR-505]
\triangle		DUNTW6931FC30	CC	N	Е	Fusing unit (100V/110V)	(Taiwan)[AR-505]
						-	
L							



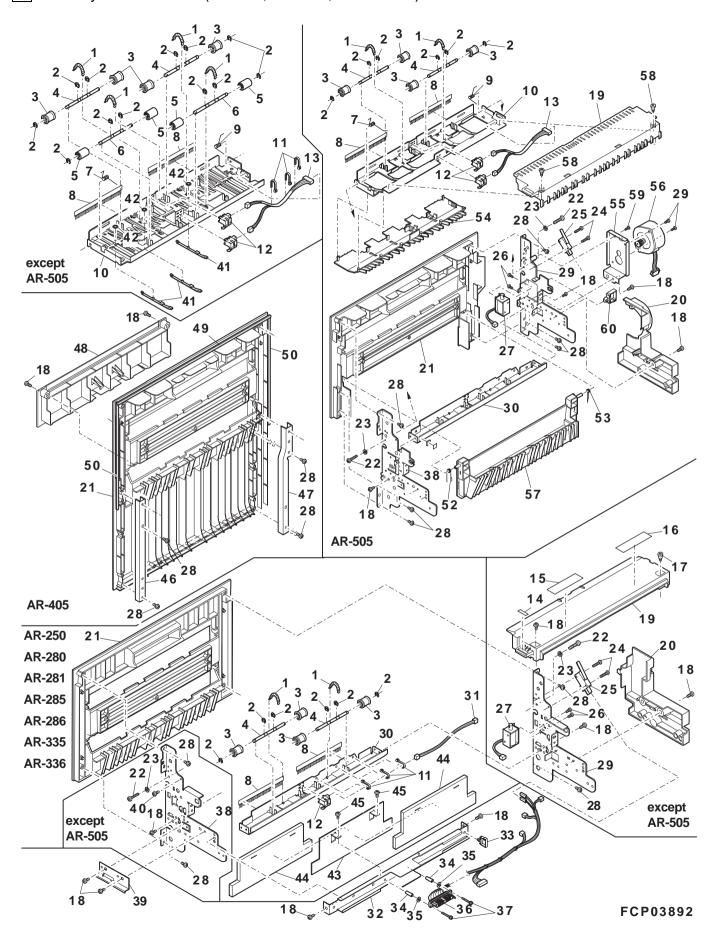
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIP	PTION
1		AC		С	HT caution label	
		ΑZ		С	Fusing cover	
	L X - B Z 0 8 7 3 F C Z Z	AC		С	Screw (4×6)	
		ΑE		С	Fusing handle	
5	L X - B Z 0 2 7 0 F C Z Z	AC		С	Screw	
6	XBBSD40P06000	AA		С	Screw (4×6)	
	XBPSD30P06KS0	AA		C	Screw (3×6KS)	
	PG i DH 1 7 8 4 F C Z Z	AK		C	Fusing front paper guide	
	NBRGY0513FCZZ	AK				
				В	Pressure roller bearing	
11	NRŌL i 1 2 0 6 F C Z Z	BG		С	Lower heat roller(maintenance kit)	[except AR-5
	NRŌL i 1 2 8 6 F C Z Z	BL	N	С	Lower heat roller(maintenance kit)	[AR-5
	XBPSD30P08KS0	AA		С	Screw (3×8KS)	
	LHLDZ1386FCZZ	AK		С	Interface PWB holder	
4.4	L H L D W 7 0 7 6 S C Z Z	AB		С	Cable holder (LWS-1S)	[except AR-5
14	LHLDW1057FCZZ	AB		С	Cable holder (LWS-3S)	[AR-
	CPWBF1299FC51	ΑL		E	Fusing interface PWB	
	XEBSD30P10000	AA		C	Screw (3×10)	
	M L E V F 0 7 4 1 F C Z Z	AG		C	Pressure lever F	
	XRESP50-06000	AA		C	E type ring	(400)
	MSPRC2631FCZZ	AC		С	Fusing pressure spring	(100V series)[AR-4
	MSPRC2801FCZZ	AD		С	Fusing pressure spring	(200V series)[AR-4
	MSPRC2806FCZZ	AD	N	С	Fusing pressure spring	(100V series)[AR-5
	MSPRC2810FCZZ	AD	N	С	Fusing pressure spring	(200V series)[AR-5
	MLEVF0742FCZZ	AG		Č	Pressure lever R	, 301 20112/// 1111
	MLEVP0751FCZ1	AE		C	Pressure adjusting lever R	[AR-280,285,
20	MLEVP0751FCZ1	AE			Draggure adjusting lever F	
22	NILE V F U / 5 U F U Z 1			С	Pressure adjusting lever F	[AR-280,285,3
23	CFRM-0953FC01	AU		С	Fusing lower frame	[AR-280,285,
	CFRM-0953FC02	AS		С	Fusing lower frame	[except AR-280,285,3
	LPLTM5397FCZZ	AM		С	Lower pawl fixing plate	[except AR-
24	PGiDH1881FCZZ	AN	N	С	Lower pawl fixing plate	[AR-
	PTME-0174FCZ1	AG		C	Lower separator pawl	· · ·
	MSPRC2630FCZZ	AB		C	Lower pawl spring	
	XHBSE40P08000	AA		C	Screw (4×8)	
JI	(Unit)	~~		U	OCICYV (TAU)	
		00		-	Frontier and the	/400\//40T\054D\000\555
	DUNTW6931FC11	CC		E	Fusing unit	(120V/127V)[AR-280,285,3
	DUNTW6931FCZZ	CC		E	Fusing unit	(100V/110V)[AR-280,285,3
	DUNTW6931FC12	CC		E	Fusing unit	(200V series)[AR-280,285,3
	DUNTW6931FC14	СВ		Е	Fusing unit	(120V/12
	DUNTW6931FC13	СВ		Е	Fusing unit	(11
	DUNTW6931FC15	CC		Ē	Fusing unit	(200V series)[AR-250,281,286,3
901	DUNTW6931FC21	CB		E	Fusing unit (120V/127V)	(100V series except Taiwan)[AR-
}	DUNTW6931FC21	СВ				
				E	Fusing unit (100V/110V)	(Taiwan)[AR-4
	DUNTW6931FC22	CC		E	Fusing unit	(200V series)[AR-4
	DUNTW6931FC31	CD	N	Е	Fusing unit (100V/110V)	(100V series except Taiwan)[AR-5
	DUNTW6931FC30	CC	N	E	Fusing unit (100V/110V)	(Taiwan)[AR-5
	DUNTW6931FC32	CD	N	E	Fusing unit	(200V series)[AR-
					-	



18 Delivery turnover unit 1(AR-405,505 1bin, others 2bin)

10 1	Jelivery turnover di				5 1bin, others 2bin)
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	MSPRC2657FCZZ	AB	1000 01 01 0	C	Roller prassure spring
2	XRESP50-06000	AA		Č	E type ring
3	NRŌLP1214FCZ1	AD		С	Delivery roller upper
	NSFTZ2480FCZZ	AH		С	Delivery shaft
	NRŌLP0896FCZZ	AC		С	Transport roller [except AR-505]
6	NSFTZ2491FCZZ	AH		С	Delivery shaft B [except AR-505]
7	MSPRC2666FCZZ	AC		С	PG upper pressure spring F [except AR-505]
	MSPRC2811FCZZ	AD	N	С	PG upper pressure spring F [AR-505]
8	PBRSS0192FCZZ MSPRC2667FCZZ	AH AC		В	Discharge brush
9	MSPRC2812FCZZ	AD	N	C	PG upper pressure spring R [except AR-505] PG upper pressure spring R [AR-505]
	PG i DH 1 7 9 7 F C Z Z	AP	IN	C	Delivery upper paper guide [except AR-505]
10	PG i DH 1 8 7 9 F C Z Z	AQ	N	C	Delivery upper paper guide [AR-505]
11	LBNDJ0013FCZ1	AA		C	Wire band [except AR-505]
	QSW-Z0507FCZZ	AP		В	POD2-3 detect sensor
13	DHA i - 2871FCZZ	ΑH		С	POD1,2 interface harness
	TLABZ4205FCZZ	AC		С	Green label
	TCAUH1036FCZZ	AD		С	HT caution label
16		AD		С	Laser caution label
	L X - B Z 0 7 8 0 F C Z Z	AC		С	PFU fixing Screw
18	XHBSE40P08000	AA		С	Screw (4×8)
19	P C O V P 1 4 6 0 F C Z 2 P C O V P 1 5 2 3 F C Z Z	AN AP	N	C	Delivery cover [except AR-505]
	LPLTP5456FCZ1	AH	IN	C	Delivery cover [AR-505] Delivery rail fixing plate [except AR-505]
20	LPLTM5670FCZZ	AH	N	C	Delivery rail fixing plate [except AR-505] Delivery rail fixing plate [AR-505]
	GCAB-0899FCZ1	AX	IN	D	Delivery exterior 2P [AR-305]
21	GCAB - 0 9 2 8 F C Z Z	BA		D	Delivery exterior 2P [except AR-280,285,335,505]
	GCAB-0931FCZZ	AX	N	D	Delivery exterior 40 2P [AR-505]
22	XBPSD40P20000	AA		C	Screw (4×20)
23	XWSSD40-10000	AA		C	Washer
24	XHPSD30P14000	AΑ		С	Screw (3×14)
25	QSW-M0518FCZZ	AH		В	Door switch (DSWLU)(AM51612C531)
	XBPSD30P06KS0	AA		С	Screw (3×6KS)
	RPLU-0329FCZZ	AQ		В	Gate solenoid
28	X E B S D 4 0 P 0 8 0 0 0	AA		С	Screw (4×8)
29	LFRM-0966FCZZ	AQ		С	Turnover frame R [except AR-505]
	CFRM-1014FC01	AQ	N	С	Turnover frame R [AR-505]
	PG i DH 1 7 9 6 F C Z 1 DH A i - 2 8 7 3 F C Z Z	AL AE		C	Paper guide
	L S T Y M O 2 2 8 F C Z Z	AN		C	POD3 interface harness [AR-280,285,335] Delivery turnover stay
	L H L D W 1 1 5 5 F C Z Z	AC		C	Wire holder (LWS3S2W)
	PSPAZ1410FCZZ	AB		C	Spacer (\$5-20)
	XWHSD30-05800	AA	N	C	Washer
	DHA i - 2847FCZZ	BD		Č	ADU interface harness [except AR-505]
36	DHA i - 3 1 0 7 F C Z Z	ВВ	N	C	Delivery unit harness [AR-505]
37	XBPSD30P30K00	AA		С	Screw (3×30K)
38	LFRM-0965FCZZ	AQ		С	Turnover frame F [except AR-505]
	LFRM-1013FCZZ	AP	N	С	Turnover frame F [AR-505]
	LPLTM5451FCZZ	ΑE		С	Delivery rail fixing plate F
_	XHBSD30P05000	AA		С	Screw (3×5)
	PGiDM1837FCZZ	AC		С	Delivery upper paper guide rib [except AR-505]
	L X - B Z 5 0 5 6 B C Z Z	AA		С	CS type ring [except AR-505]
	LPLTM5493FCZZ	AK		С	Delivery turnover protect plate [AR-280]
	P S H E Z 4 6 1 8 F C Z Z X H B S D 3 0 P 0 6 0 0 0	AN		C	Delivery turnover protect sheet [AR-280]
	LSTYM0251FCZZ	AF		C	Screw (3×6) [AR-280] Delivery exterior stay F [AR-405]
	LSTYM0251FCZZ	AF		C	Delivery exterior stay R [AR-405]
	PCOVP1514FCZZ	AH		C	Delivery 1 bin cover [AR-405]
	PCUSG0365FCZZ	AD		C	Delivery unit cushion L (AB series)[except AR-280,285,335]
	PCUSG0366FCZZ	AC		C	Delivery unit cushion S (AB series)[except AR-280,285,335]
51	RCŌRF0034FCZZ	AR		С	Ferrite core (RFC10) (200V series)[AR-405]
	MSPRC2808FCZZ	ΑE	N	С	Delivery door spring F [AR-505]
	MSPRC2809FCZZ	ΑE	N	С	Delivery door cabinet spring F [AR-505]
	PGiDM1880FCZZ	AA	N	С	Delivery paper guide [AR-505]
	LPLTM5671FCZZ	AE	N	С	Delivery moto fixing plate [AR-505]
	RMŌTP0830FCZZ	AY		В	DSBM Turnover motor [AR-505]
	GCAB-0932FCZZ	AP	N	D	Delivery door cabinet [AR-505]
	L X - B Z 0 7 6 8 F C Z Z X B B S D 4 0 P 0 8 0 0 0	AC AA		С	Screw (φ6)
	L H L D W 0 7 3 4 F C Z Z	AA		C	Screw (48) [AR-505] mini clamp (07-0)
00	LILDWU/34FUZZ	~~		U	ппп (апр (07-0)

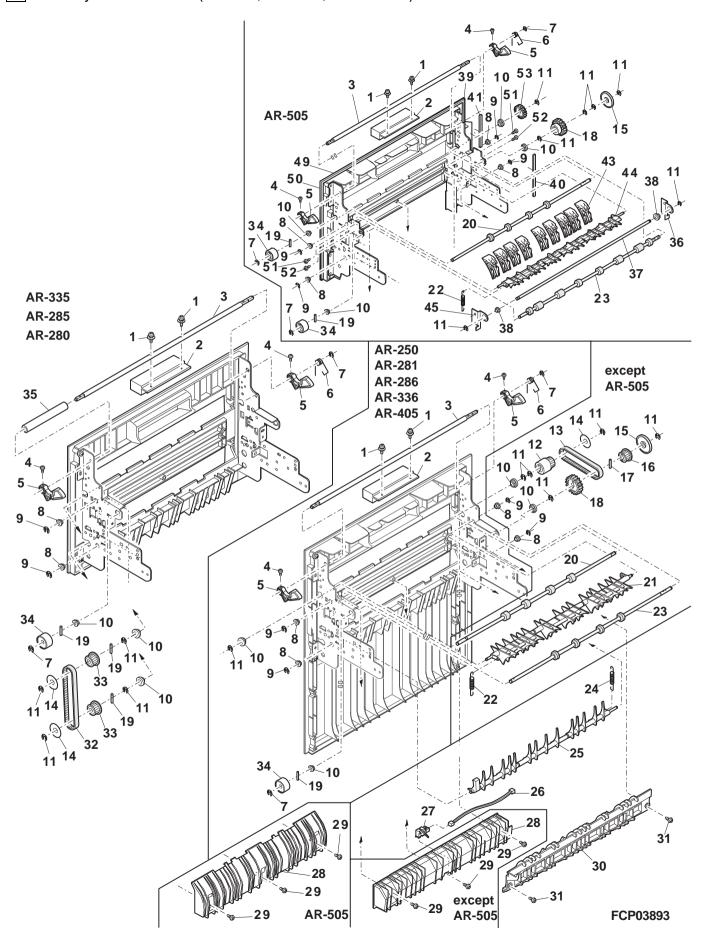
18 Delivery turnover unit 1(AR-405,505 1bin, others 2bin)



19 Delivery turnover unit 2(AR-405,505 1bin, others 2bin)

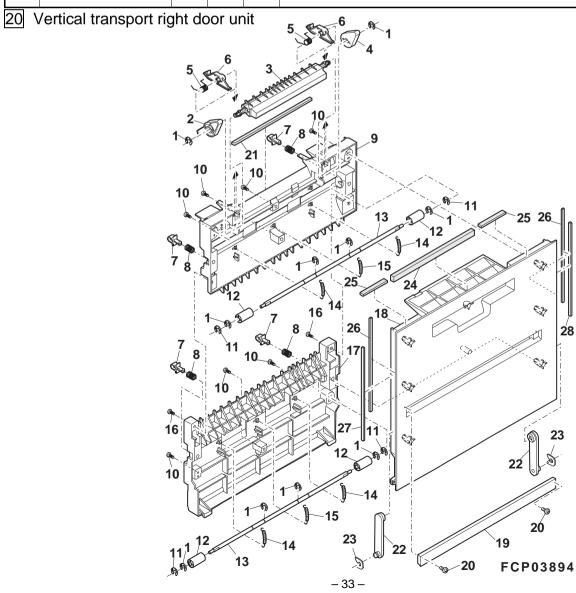
		PRICE	NEW	PART	5 1bin, others 2bin)
NO.	PARTS CODE	RANK	MARK	RANK	DESCRIPTION
1	XEPSD30P14X00	AA		С	Screw (3×14KS)
	MLEVP0768FCZ1	AH		С	Lock release lever
	NSFTZ2503FCZZ	AR		С	Delivery lock shaft
	XBPSD30P10K00	AA		С	Screw (3×10K)
	PTME - 0 2 6 9 F C Z Z	AD		С	Delivery lock pawl
	MSPRC2656FCZZ	AC		С	Lever spring
	X R E S P 4 0 - 0 6 0 0 0 N B R G C 0 6 2 0 F C Z Z	AA AD		С	E type ring
	XRESP30-05000	AA		C	Delivery gate bearing
	NBRGM0096FCZ1	AB		C	E type ring Bearing
	XRESP50-06000	AA		C	E type ring
	NPLYZ0339FCZZ	AL		Č	One way pulley 24 [AR-405]
	NBLTH0297FCZZ	AG		В	93MXL belt [AR-405]
	L X - W Z 0 3 2 8 F C Z Z	AA		C	Washer (M16) [AR-405]
	PCLR-0446FCZZ	AD		C	Delivery drive joint collar
16	NPLYZ0254FCZZ	AD		С	Drive pulley (MXL24T) [AR-405]
17	LPiNS0075FCZZ	AB		С	Pin (\phi3-10)
18	NGERH0209FCZ1	AB		С	Delivery roller gear (24T) [AR-280,285,335]
10	NGERH1285FCZZ	AL		С	One wey clutch gear (24T) [except AR-280,285,335]
19	LPiNS0320FCZZ	AB		С	Spring pin (\phi2-8)
20	NRŌLR1226FCZZ	AQ		С	Delivery roller lower B [except AR-505]
	NRŌLR1284FCZZ	ΑT	N	С	Delivery roller lower B [AR-505]
	PGiDM1817FCZ2	AR		С	Gate [AR-405]
22	MSPRC2605FCZ1	AC		С	Gate spring
23	NRŌLR1227FCZ1	AR		С	Delivery roller lower A [except AR-505]
	NRŌLR1285FCZZ	BB	N	С	De-curler roller shaft [AR-505]
	MSPRC2655FCZZ	AB		С	Gate spring
25	PG i DM 1 8 1 6 F C Z Z DHA i - 2 8 9 3 F C Z Z	AQ AE		С	Turnover gate
26	DHA i - 2 8 9 3 F C Z Z	AH	N	С	DSBD interface harness [except AR-505]
	QSW-Z0507FCZZ	AP	IN	C B	DSBD interface harness [AR-505]
27	QSW-P0506FCZZ	AP		В	POD2-3 detect sensor [except AR-505] POD2-3 detect sensor [AR-505]
	PG i DM 1 8 1 8 F C Z 1	AK		С	Delivery inside paper guide [except AR-505]
28	PGiDM1874FCZZ	AL	N	C	Delivery inside paper [AR-505] Delivery inside paper
29	XEBSD40P08000	AA	111	C	Screw (4×8)
	PG i DM 1 8 1 9 F C Z 1	AQ		C	Turnover paper guide [except AR-505]
30	PG i DM 1 8 7 5 F C Z Z	AR	N	C	Turnover paper guide [AR-505]
	XHBSE40P10000	AA		Č	Screw (4×10) [except AR-505]
31	L X - B Z 0 7 8 0 F C Z Z	AC		C	Screw [AR-505]
32	NBLTH0298FCZZ	AG		В	112MXL belt [AR-280,285,335]
33	NPLYZ0146FCZZ	AB		С	Pulley (22MXL) [AR-280,285,335]
34	JKNBZ0135FCZZ	AD		С	ADU rotation knob
35	PTUBP0129FCZZ	AC		С	Protect tube [AR-280,285,335]
	LPLTM5684FCZZ	AF	N	С	Sub shaft hold plate R [AR-505]
37	NSFTZ2562FCZ1	AQ	N	С	De-curler sub shaft [AR-505]
	NBRGY0429FCZZ	AN		С	Bearing [AR-505]
	PMLT-1225FCZZ	AC	N	С	Delivery molt A [AR-505]
	PMLT-1226FCZZ	AC	N	С	Delivery molt B [AR-505]
	PMLT-1227FCZZ	AC	N	С	Delivery molt C [AR-505]
	PSHEZ4762FCZZ	AA		С	Gate damper shaft [AR-505]
	PG i DM 1 8 7 8 F C Z Z	AF	N	С	SB Gate [AR-505]
	PG i DM 1 8 7 7 F C Z Z	AV	N	С	Paper out Gate [AR-505]
	LPLTM5683FCZZ	AF	N	С	Sub shaft hold plate F [AR-505]
	PCUSG0365FCZZ	AD		С	Delivery unit cushion L (AB series)[AR-505]
	PCUSG0366FCZZ LX-BZ0465FCZZ	AC AA		С	Delivery unit cushion S (AB series)[AR-505]
	L X - B Z O 2 6 0 F C Z Z	AA		C	Screw (4×6) [AR-505] Screw (M4-8SWW) [AR-505]
	NGERH1262FCZZ	AM		C	
53	NGLIIII 202FUZZ	AIVI	1	U	Paper feeding roller gear (24T)
			 		
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19 Delivery turnover unit 2(AR-405,505 1bin, others 2bin)



20 Vertical transport right door unit

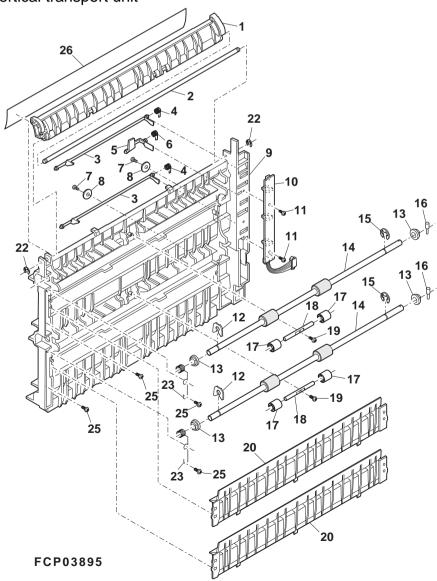
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	XRESP50-06000	AA		С	E type ring
	MARMP0241FCZZ	AC		С	Lever arm F
	MLEVP0752FCZZ	ΑH		С	Right door lock lever
4	MARMP0242FCZZ	AC		С	Lever arm R
	MSPRC2635FCZZ	AB		С	Lock spring
	MARMP0251FCZZ	AD		С	Lock lever arm
	NBRGP0588FCZZ	AC		С	Collar shaft bearing
	MSPRC2634FCZZ	AB		С	Transport collar pressure spring
9	PGiDM1804FCZZ	AQ		С	Right door paper guide upper
	XEBSD40P10000	AA		С	Screw (4×10)
	XRESP40-06000	AA		С	E type ring
	NRŌLP0896FCZZ	AC		С	Transport roller
	NSFTZ2464FCZZ	AN		С	Transport collar shaft
	MSPRC2687FCZZ	AB		С	Transport collar pressure spring
	MSPRC2637FCZZ	AC		С	Transport collar pressure spring 2
	XEBSD40P12000	AA		С	Screw (4×12)
	PGiDM1805FCZZ	AR		С	Right door paper guide lower
	GDŌR-0024FCZZ	ΑY		D	Right door
	PCŌVP1469FCZZ	ΑF		С	LCC cover
20	XEPSE40P10000	AA		С	Screw (4×10)
	PCUSG0359FCZZ	AC		С	Right door paper guide upper cushion
	LSTPP0275FCZZ	ΑE		С	Stopper
	PRNGP0077FCZZ	AA		С	Ring(E7)
	PMLT-1167FCZZ	ΑF		С	Right door cushion A
25	PMLT-1168FCZZ	AB		С	Right door cushion B
26	PMLT-1169FCZZ	AC		С	Right door cushion C
27	PMLT-1191FCZZ	AC		С	Right door cushion F (AB series)
28	PMLT-1192FCZZ	AC		С	Right door cushion R (AB series)



21 Vertical transport unit

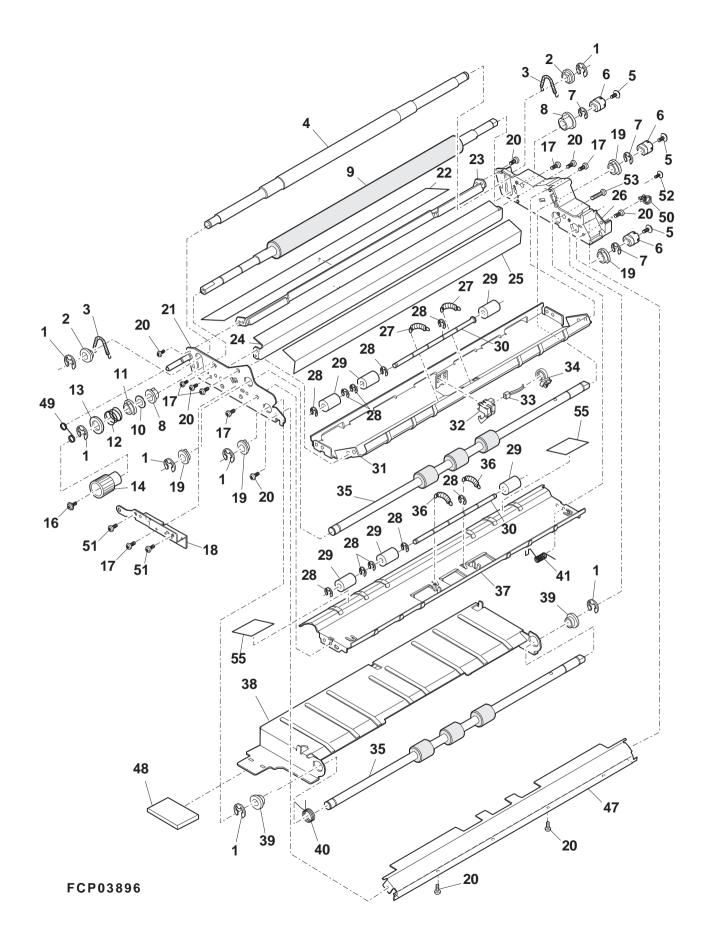
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	PGiDM1803FCZZ	AK		С	U-turn paper guide
2	NSFTZ2462FCZZ	AG		С	PG rotation shaft
3	MLEVP0758FCZZ	ΑE		С	Vertical transport actuator
	MSPRC2633FCZZ	AB		С	Actuator return spring
	MLEVP0759FCZZ	AD		С	Door detect actuator
6	MSPRC2636FCZZ	AB		С	Door detect actuator spring
7	XEBSD30P06000	AA		С	Screw (3×6)
	L X - W Z 2 0 2 8 S C Z Z	AA		С	Washer (\phi12)
9	LSTYP0229FCZ1	ΑX		С	Transport stay right
	CPWBF1256FC31	ΑT		Е	PFD PWB
	XEBSD30P10000	AA		С	Screw (3×10)
	PRNGP0077FCZZ	AA		С	Ring(E7)
	NBRGP0626FCZZ	AC		С	Bearing (M8)
	NRŌLR1215FCZZ	AS		С	Vertical transport roller
	XRESP70-08000	AA		С	E type ring
	L X - B Z 0 6 7 0 F C Z Z	AC		С	Screw (3×8)
	PCLR-0442FCZZ	AD		С	Sub collar
	NSFTZ2463FCZ1	AG		С	Sub shaft
19	XEBSD30P12000	AA		С	Screw (3×12)
	PGiDM1802FCZZ	AK		С	PF paper guide
	XRESP30-05000	AA		С	E type ring
	MSPRC2710FCZZ	AD		С	Transport roller earth spring
	XHBSE40P08000	AA		С	Screw (4×8)
26	PSHEP4626FCZZ	ΑE		С	Pressure PG sheet

21 Vertical transport unit



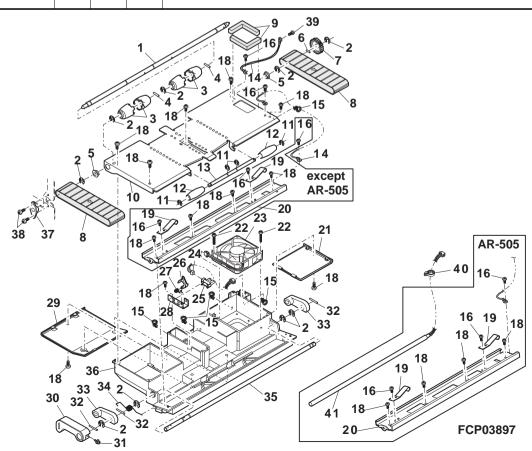
22 PS transport unit

22 I	PS transport unit				
NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
		RANK	MARK	RANK	
	XRESP70-08000	AA		С	E type ring
	NBRGC0037FCZ1			С	Bearing B
	MSPRC2638FCZZ	AC		С	PS pressure spring
	NRŌLM1207FCZZ	AW		С	PS roller upper
	L X - B Z 0 5 8 9 F C Z Z	AA		С	Screw
	NCPL-0033FCZ1	AC		С	PS cupring
	XRESP50-06000	AA		С	E type ring
	NBRGC0066FCZ1	AE		С	Cleaner drive bearing
	NRŌLR1216FCZ2	AY		С	PS roller lower
	L X - W Z O O 7 O F C Z Z	AA		С	Washer
	PCLR-0259FCZZ MSPRT0735FCZZ	AB AA		С	Brake collar
				С	PS brake spring
	L X - W Z O O 4 2 F C Z Z	AA		С	Washer
	JKNBP0136FCGZ	AE		С	Transport knob
	L X - B Z 0 8 4 4 F C Z Z	AB		С	Screw (4.6)
	XHBSD40P08000	AA		С	Screw (4×8)
	LPLTM5410FCZ1	AH		С	PS transport fixing plate
	NBRGC0133FCZ1	AC		С	PF bearing (M8)
	XHBSD30P08000	AA		С	Screw (3×8)
	CFRM-0954FC02 PSHEZ4520FCZ1	AL		С	PS frame
		AE		С	Transcription front sheet
	PG i DH 1 7 9 0 F C Z 1	AF		С	PS upper paper guide
	PG i DH 1 7 8 6 F C Z Z	AF		С	PS front lower paper guide
	PSHEZ4521FCZZ	AF		С	PS front lower sheet
	LFRM-0955FCZ1	AG		С	PS frame R
	MSPRC2700FCZZ	AB		С	Collar shaft pressure spring 2
	XRESP30-05000	AA		С	E type ring
	NRŌLP0512FCZZ	AB		С	Transport roller
	N S F T Z 2 4 6 5 F C Z 1	AH		С	PS front collar shaft
	PGiDH1785FCZZ	AM		С	PS front upper paper guide
	QSW-P0506FCZZ	AP		С	PPD2 switch
	DHA i - 2845FCZZ	AG		С	PPD2 interface harness
	LBNDJ0013FCZ1	AA		С	Wire band
	NRŌLR1217FCZZ	ΑТ		С	PS front roller
	MSPRC2639FCZZ	AB		С	Coller shaft pressure spring
	PGiDH1788FCZZ	AM		С	PS upper paper guide
	PGiDH1787FCZZ	AM		С	PS movable paper guide
	NBRGC0594FCZZ	AD		С	PS bearing
	MSPRC2688FCZZ	AC		С	PG return spring F
	MSPRC2712FCZZ	AC		С	PG return spring RN
	PGiDH1789FCZZ	AH		С	PS lower paper guide
	JHNDP0096FCGZ	AD		С	Lever handle
	MSPRC2703FCZ1	AD		С	PS earth spring
	L B N D J 0 0 4 3 F C Z 1	AA		С	Snap band
	XHBSE40P08000	AA		С	Screw (4×8)
	XEPSD40P08000	AA		С	Screw (4×8)
	XHBSD40P16000	AA		С	Screw (4×16)
	PSHEZ4769FCZZ	AC		С	PS guide sheet
55	PSHEP4800FCZZ	AC	N	С	PS delivery sheet
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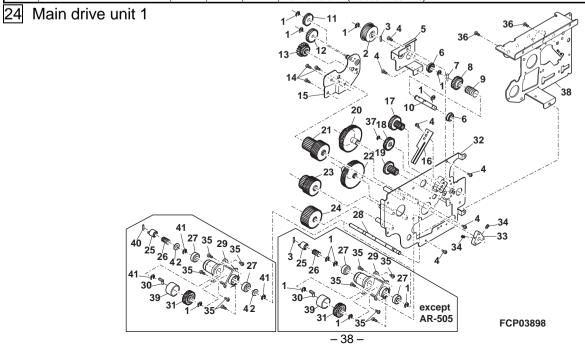
23 Suction unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
	NSFTZ2458FCZZ	AM		C	Suction drive shaft	
	XRESP70-08000	AA		С	E type ring	
	NRŌLP1010FCZZ	AC		С	Suction drive roller	
	LPiNS0075FCZZ	AB		С	Pin (φ3-10)	
	NBRGC0133FCZ1	AC		С	PF bearing (M8)	
	LPiNS0096FCZZ	AB		С	Pin (φ3-12)	
	NGERH1256FCZZ	AE		С	Suction gear (26T)	
	NBLTH0312FCZZ	AK		В	Suction belt	
	PSEL - 0 7 5 3 F C Z Z	AC		С	Suction seal	
10	PGiDH1783FCZZ	AM		С	Suction paper guide	
	XRESP50-06000	AA		С	E type ring	
	NRŌLP0833FCZ1 NSFTZ2459FCZZ	AC AH		С	Belt roller	
	DHAi - 2897FCZZ	AH		C	Suction shaft	
	L B N D J O O 4 3 F C Z 1	AA		C	TC earth harness	
	XHBSD40P08000	AA		C	Snap band	
	XEBSD40P12000	AA		C	Screw (4×8) Screw (4×12)	
	MSPRP2609FCZZ	AE		C	TC pressure spring	
	LRALM0148FCZZ	AM		C		ont AD FO
	LRALMO148FCZ1	AL	N	C	TC guide rail [exc	ept AR-505 AR-505
	PCOVP1439FCZZ	AF	IN	C	Suction cover A	[AR-503
	XEPSD40P35000	AA		C	Screw (4×35)	
	NFANP0049FCZZ	AZ		В	Suction fan motor	
	DHA i - 2836FCZZ	AP		C	Suction harness	
	VHPGP1A71A1-1	AG		В	Photo sensor (GP1A71A1)	
	MLEVP0748FCZZ	AF		C	Suction lever ACC	
	MSPRC2628FCZZ	AB		C	Suction ACC spring	
	LPLTM5395FCZZ	AE		C	Suction ACC fixing plate	
	PCOVP1440FCZZ	AL		C	Suction cover B	
	MLEVP0747FCZZ	AG		C	Suction lift lever	
	XBPSD40P12KS0	AA		С	Screw (4X12KS)	
32	LPiNS0292FCZZ	AB		С	Pin (φ3-20)	
33	LANGT1395FCZZ	ΑE		С	Suction lift angle	
34	MSPRC2627FCZZ	AC		С	Suction lift spring	
	NSFTZ2460FCZZ	AP		С	Suction lift shaft	
	LFRM-0951FCZ1	ΑT		С	Suction frame	
	NBRGP0616FCZZ	AG		С	Bearing	
	L X - B Z 3 0 0 8 S C 0 S	AA		С	Screw (3×8)	
	XHBSE40P08000	AA		С	Screw (4×8)	
	LBNDJ0013FCZ1	AA		С	Wire band	[AR-50
41	VHPSLA10310-1	ΑZ	N	С	LED lamp (SLA10310-1)	[AR-50
	Suction unit	1	ı	1	9 39	



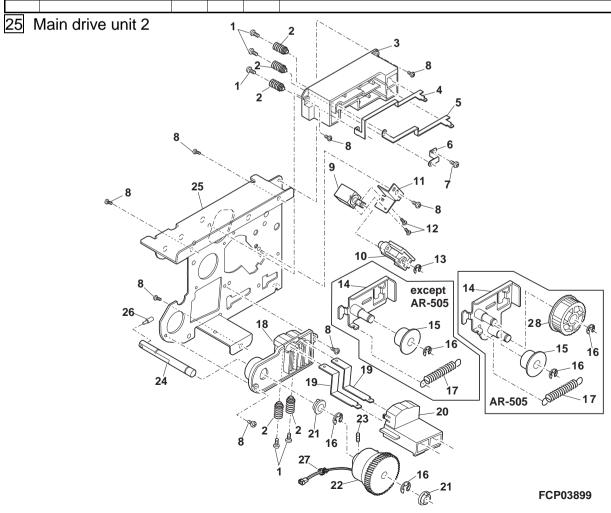
24 Main drive unit 1

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	XRESP70-08000	AA		С	E type ring	
2	NPLYZ0278FCZ1	AD		С	Paper feeding drive gear (38T)	[except AR-405]
	NPLYZU36UFCZZ	ΑE		С	Paper feeding drive gear (19T)	[AR-405]
	LPiNS0096FCZZ	AB		С	Pin (φ3-12)	
	XHBSE40P08000	AA		С	Screw (4×8)	
5	LFRM-0942FCZZ	AF		С	Waste toner drive frame	
	NBRGY0466FCZZ	AK		В	Ball bearing (M8-M16)	
	L X - B Z 0 6 7 0 F C Z Z	AC		С	Screw (3×8)	
	NGERH1238FCZZ	AD		С	Waste toner gear (24T)	
	MSPRC2615FCZZ	AC		С	Waste toner spring	
	N S F T Z 2 4 4 7 F C Z 1	AL		С	Waste toner drive shaft	
	NGERH1062FCZZ	ΑE		С	DV idle gear (25T)	
	NGERH0349FCZZ	AC		С	Gear (28T)	
	NGERH1237FCZZ	AD		С	DV drive gear (21T)	
	L X - B Z 0 4 6 5 F C Z Z	AA		С	Screw (4×6)	
	CFRM-0941FC02	AM		С	Main drive frame C	
	MSPRP2608FCZZ	AD		С	Drum earth plate	
	NGERH1279FCZZ	ΑE		С	Waste toner gear (28T)	
	NGERH0742FCZZ	AB		С	Gear (36T)	
	NGERH1345FCZZ	ΑE		С	Waste toner gear (26T)	
	NGERH1232FCZZ	AQ		С	DR drive gear (66/33T)	
	NGERH1236FCZZ	AF		С	DV drive gear (50T)	
	NGERH1231FCZZ	AQ		С	DRPS gear (78T)	
	NGERH1234FCZZ	AF		С	Transport gear (48/28T)	
24	NGERH1235FCZZ	AF		С	Transport gear (42T)	
25	NCPL-0040FCZZ	AL		С	DR cupring N	[except AR-505]
	NCPL-0044FCZZ	ВС	N	С	DR flange cupring	[AR-505]
26	MSPRC2614FCZZ	AC		С	DR cupring spring	[except AR-505]
	MSPRC2813FCZZ	AD	N	С	DR cupring spring	[AR-505]
27	NBRGY0093FCZZ	AK		В	Roller bearing	[except AR-505]
	NBRGC0634FCZZ	AM	N	В	Roller bearing	[AR-505]
28	N S F T Z 2 4 4 5 F C Z 1	AL		С	DR drive shaft	[except AR-505]
	N S F I Z Z S 6 4 F C Z Z	AP	N	С	DR drive shaft	[AR-505]
	LPFTF0096FCZZ	AP		С	DR unit control flange	
30	LPiNS0255FCZZ	AE		С	L type pin	
31	NGERH1233FCZZ	AP		С	DR drive gear (30T)	[except AR-505]
	NGERH1351FCZZ	AP	N	С	DR drive gear (30T)	[AR-505]
	CFRM-0940FC01	AZ		С	Main drive frame R	
	MJNTM0020FCZZ	AM		С	Flay wheel joint plate	
	L X - B Z 0 5 7 6 F C Z Z	AC		С	Screw (4×6)	
	XHBSD30P08000	AA		С	Screw (3×8)	
	XBPSD40P08KS0	AA		С	Screw (4×8KS)	
	XRESP40-06000	AA		С	E type ring	
38	CFRM-0939FC01	AR		С	Main drive frame F	
39	PCLR-0452FCZZ	AE		С	30T gear collar	[except AR-505
	PCLR - 0 4 5 9 F C Z Z	AF	N	С	30T gear collar	[AR-505]
	LPiNS0157FCZZ	AB		С	Pin (\$314)	[AR-505
	XRESP90-08000	AA		С	E type ring	[AR-505
42	L X - W Z O O 8 9 F C Z Z	AB		С	Washer	[AR-505]
	(Unit)			_		
	CFRM-0939FC53	BT		E	Main drive unit (Include Block 26)	[except AR-405,505]
901	CFRM-0939FC54	ВТ		E	Main drive unit (Include Block 26)	[AR-405]
	CFRM-0939FC55	BU	N	E	Main drive unit (Include Block 26)	[AR-505]



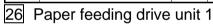
25 Main drive unit 2

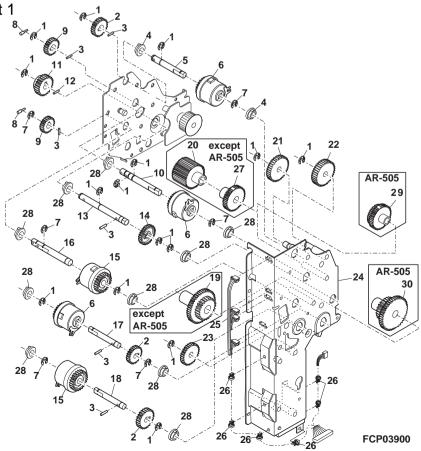
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XBPSD30P06000	AA		С	Screw (3×6)
2	MSPRP1293FCZZ	AB		С	Electrode spring
3	LHLDZ1365FCZZ	ΑL		С	High voltage holder MC
4	LPLTM5385FCZZ	AK		С	High voltage terminal plate GB
5	LPLTM5384FCZZ	AH		С	High voltage terminal plate MC
6	LPLTM5387FCZZ	ΑE		С	High voltage terminal plate GND
7	XHBSD30P06000	AA		С	Screw (3×6)
8	XHBSE40P08000	AA		С	Screw (4×8)
9	RPLU-0326FCZ1	AN		В	Separator pawl solenoid
	MLEVP0743FCZZ	ΑE		С	Separator solenoid lever
	LPLTM5386FCZZ	ΑE		С	Separator solenoid fixing plate
	XBPSD20P03000	AA		С	Screw (2×3)
13	XRESP40-06000	AA		С	E type ring
14	CPLTM5383FC01	AH		С	Drive tension plate [excpet AR-505]
	CPLTM5668FC01	AK	N	С	Drive tension plate [AR-505]
	NPLYZ0259FCZZ	AC		С	Tension pulley 19
	XRESP70-08000	AA		С	E type ring
	MSPRC2613FCZZ	AD		С	Drive tension spring
	LHLDZ1366FCZZ	ΑL		С	High voltage holder TC
	QTANZ0206FCZZ	AF		С	TC high voltage holder terminal
	PCŌVP1432FCZZ	AH		С	Holder terminal cover
	NBRGC0133FCZZ	AC		С	PF bearing (M8)
	PCLC-0286FCZZ	AY		В	PS clutch
	L X - B Z 0 5 7 6 F C Z Z	AC		С	Screw (4×6)
	NSFTZ2446FCZZ	AL		С	PS drive shaft
	CFRM-0939FC01	AR		С	Main drive frame F
	L X - B Z 0 6 7 0 F C Z Z	AC		С	Screw (3×8)
	LBNDJ0043FCZ1	AA		С	Snap band
28	NPLYZ0266FCZZ	AC		С	Pulley
	(Unit)				
	CFRM-0939FC53	ВТ		E	Main drive unit [except AR-405,505]
901	CFRM-0939FC54	ВТ		E	Main drive unit (Include Block 25) [AR-405]
	CFRM-0939FC55	BU	N	E	Main drive unit (Include Block 25) [AR-505]



26 Paper feeding drive unit 1

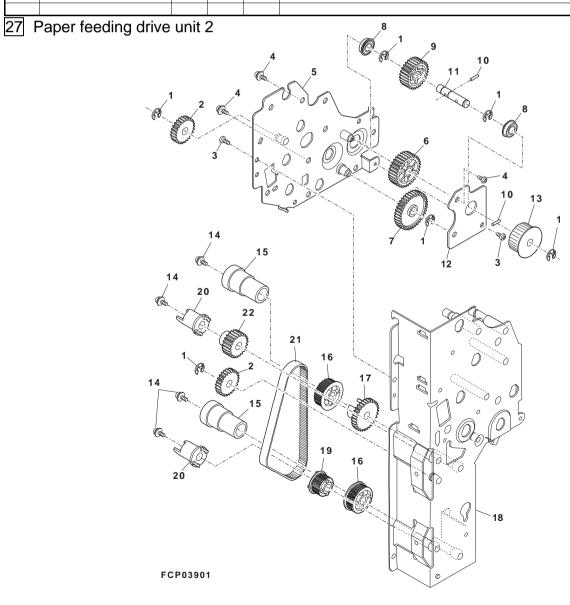
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	XRESP70-08000	AA		С	E type ring	
	NGERH0111FCZZ	AD		С	Gear (24T)	
3	LPiNS0155FCZZ	AA		С	Pin (\phi3-10)	
4	NBRGC2019SCZZ	AC		С	Bearing (M8)	
5	NSFTZ2449FCZZ	AH		С	MF drive shft	
6	PCLC-0287FCZZ	ΑV		В	Transport clutch (5KL)	
	XRESP50-06000	AA		С	E type ring	
8	LX-BZ0670FCZZ	AC		С	Screw (3×8)	
9	NGERH0457FCZZ	AC		С	DV drive gear R (22T)	
40	NSFTZ2450FCZZ	AK		С	MF rear drive shaft	[except AR-505]
10	NSFTZ2557FCZZ	AK	N	С	MF rear drive shaft	[AR-505]
11	NGERH1248FCZZ	AF		С	ADU gear (25T)	•
12	LPiNS0096FCZZ	AB		С	Pin (\(\phi\)3-12)	
	NSFTZ2454FCZZ	AH		С	ADU HI shaft	[except AR-505]
13	NSFTZ2556FCZZ	AH	N	С	ADU HI shaft	[except AR-505]
14	NGERH0349FCZZ	AC		С	Gear (28T)	
15	PCLC-0288FCZZ	ΑV		В	Transport clutch (5KHI)	
40	NSFTZ2451FCZZ	AK		С	PS front drive shaft	[except AR-505]
16	NSFTZ2558FCZZ	AK	N	С	PS front drive shaft	[AR-505]
47	NSFTZ2457FCZZ	AH		С	Paper feeding LO shaft	[except AR-505]
17	NSFTZ2559FCZZ	AH	N	С	Paper feeding LO shaft	[AR-505]
	NSFTZ2455FCZZ	AH		С	Paper feeding HI shaft	[except AR-505]
18	NSFTZ2560FCZZ	AH	N	С	Paper feeding HI shaft	[AR-505]
40	NGERH1243FCZZ	AF		С	Paper feeding drive gear (32T)	[excpet AR-505]
19	NGERH1337FCZZ	AF		С	Paper feeding drive gear (35T-48T)	[AR-505
20	NGERH1242FCZZ	ΑF		С	Paper feeding drive gear (35T)	[except AR-405
21	NGERH0070FCZZ	AD		С	DV gear (36T)	
22	NGERH1241FCZZ	ΑE		С	Gear (36T)	
23	NGERH0071FCZZ	AD		С	DV gear R (31T)	
	CFRM-0946FC02	BA		С	Paper feeding drive frame R	[except AR-505]
24	CFRM-0946FC03	BA	N	С	Paper feeding drive frame R	[AR-505]
25	DHAi-2829FCZZ	AW		С	Paper feeding drive harness	-
26	LBNDJ0043FCZ1	AA		С	Snap band	
27	NGERH1336FCZZ	ΑE		С	Paper feeding drive gear (40T)	[except AR-505]
	NBRGC2019SCZZ	AC		С	Bearing (M8)	[AR-405]
28	NBRGY0466FCZZ	AK		С	Bearing	[AR-505]
	NGERH1242FCZZ	AF		С	Delivery drive gear (35T)	[AR-505
30	NGERH1335FCZZ	ΑE		С	Paper feeding drive gear (35T)	[AR-505]
	(Unit)				<u> </u>	
	CFRM-0945FC31	BV		Е	Paper feeding drive unit (include Block 28)	[except AR-405,505]
901	CFRM-0945FC33	BU		Е	Paper feeding drive unit (include Block 28)	[AR-405]
	CFRM-0945FC34	BW	N	Е	Paper feeding drive unit (include Block 28)	[AR-505]





27 Paper feeding drive unit 2

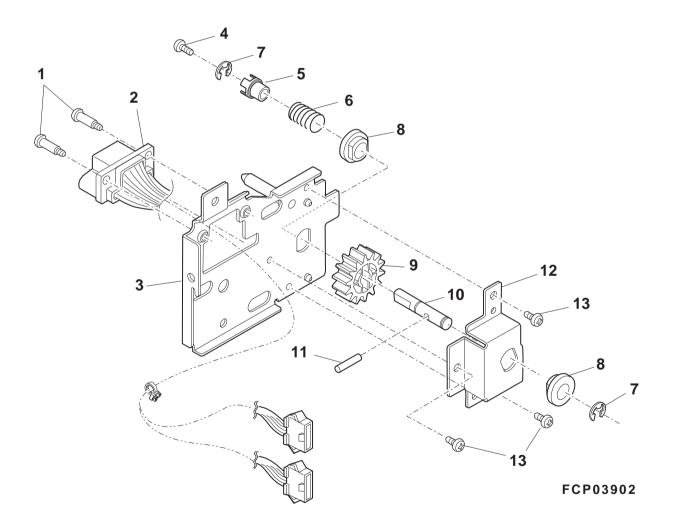
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	XRESP70-08000	AA		С	E type ring	
2	NGERH0140FCZZ	AC		С	Stirring gear U (25T)	
3	XHBSD40P08000	AA		С	Screw (4×8)	
	XBPSD40P08KS0	AA		С	Screw (4×8KS)	
	CFRM-0945FC02	AU		С	Paper feeding drive frame F	
6	NGERH1244FCZZ	ΑE		С	Transport idle gear (32T)	
7	NGERH0483FCZZ	AB		С	Gear (38T)	
8	NBRGY0466FCZZ	AK		В	Ball bearing (M8-M16)	
	NGERH1245FCZZ	ΑF		С	Transport drive gear (28T)	
	LPiNS0096FCZZ	AB		С	Pin (\phi3-12)	
	NSFTZ2456FCZZ	AK		С	Drive separator shaft	
	LFRM-0947FCZZ	ΑE		С	Paper feeding transport drive frame	
	NPLYZ0285FCZ1	ΑE		С	Transport drive pulley (32T)	
	L X - B Z 0 8 2 9 F C Z Z	AB		С	Screw (Left type)	
	NCPL-0031FCZ1	AD		С	PF cup ring	
	NPLYZ0336FCZZ	ΑE		С	PF pulley 44P	
	NGERH1246FCZZ	ΑE		С	PF drive gear (33T)	
	CFRM-0946FC02	BA		С	Paper feeding drive frame R	
19	NPLYZ0337FCZZ	ΑE		С	Transport pulley 32P	
	NCPL-0032FCZZ	AD		С	Transport cup ring	
	NBLTH0294FCZZ	AH		В	Paper feeding drive belt	
22	NGERH1247FCZZ	ΑE		С	Transport drive gear (24T)	
	(Unit)					
l	CFRM-0945FC31	BV		E		cept AR-405,505]
901	CFRM-0945FC33	BU		E	Paper feeding drive unit (include Block 27)	[AR-405]
<u> </u>	CFRM-0945FC34	BW	N	Е	Paper feeding drive unit (include Block 27)	[AR-505]



28 DV drive unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	L X - B Z 0 8 4 3 F C Z Z	AC		С	Screw
2	DHA i - 2 8 2 8 F C Z Z	AR		С	DV interface harness [except AR-405,505]
	DHAi-3060FCZZ	AS		С	DV interface harness [AR-405,505]
3	CFRM-0943FC01	ΑL		С	DV drive frame F
4	L X - B Z 0 8 4 5 F C Z Z	AC		С	Screw
5	NCPL-0007FCZZ	AC		С	DV cup ring
6	MSPRC2616FCZZ	AC		С	DV drive spring
7	XRESP50-06000	AA		С	E type ring
8	NBRGC0387FCZZ	AB		С	Bearing
9	NGERH1240FCZZ	AD		С	DC drive gear (14T)
10	NSFTZ2448FCZZ	AK		С	DV drive shaft
11	LPiNS0278FCZZ	AB		С	Spring pin (\phi3-11)
12	LFRM-0944FCZZ	ΑE		С	DV drive frame R
13	XHBSD30P06000	AA		С	Screw (3×6)
	(Unit)				
004	CFRM-0943FC71	ΑZ	N	Е	DV drive unit [except AR-405,505]
901	CFRM-0943FC72	ΑZ	N	Е	DV drive unit [AR-405,505]

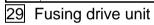
28 DV drive unit

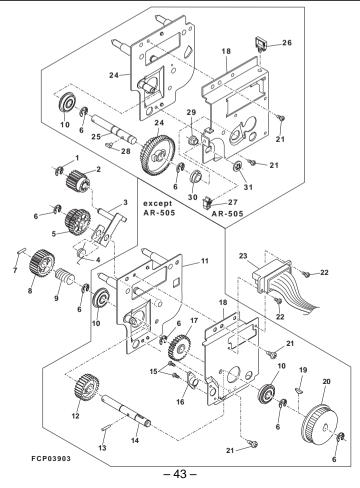


AR-505

29 Fusing drive unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	XRESP50-06000	AA		С	E type ring
	NGERH1250FCZZ	AD		С	Delivery idle gear (20T)
	CPLTM5388FC01	AH		С	Delivery drive plate
4	MSPRC2618FCZ1	AC		С	Delivery drive plate spring
	NGERH1252FCZZ	AD		C	Delivery gear (21T)
6	XRESP70-08000	AA		С	E type ring
7	L X - B Z 0 6 7 0 F C Z Z	AC		С	Screw (3×8)
	NGERH1251FCZZ	AD		С	Fusing drive gear (27T)
9	MSPRC2619FCZZ	AC		С	Gear pressure spring
10	NBRGY0131FCZZ	AM		С	Bearing (with M22 E ring)
11	CFRM-0948FC01	ΑT		С	Fusing drive frame F [except AR-505]
11	CFRM-0948FC02	AR	N	С	Fusing drive frame F [AR-505]
12	NGERH1249FCZZ	AD		С	Suction drive gear (29T) [except AR-505]
	LPiNS0096FCZZ	AB		С	Pin (φ3-12) [except AR-505]
14	NSFTZ2452FCZZ	ΑL		С	Fusing drive shaft [except AR-505]
15	LX-BZ3008SC0S	AA		С	Screw (3×8) [except AR-505]
16	NBRGP0616FCZZ	AG		С	Bearing [except AR-505]
17	NGERH0349FCZZ	AC		С	Gear (28T)
40	LFRM-0949FCZZ	ΑL		С	Fusing drive frame R [except AR-505]
18	LFRM-1012FCZZ	ΑL	N	С	Fusing drive frame R [AR-505]
19	LSTPT0138FCZZ	ΑE		С	Stopper [except AR-505]
20	NPLYZ0202FCZZ	AF		С	Pulley (45T) [except AR-505]
21	XHBSD40P08000	AA		С	Screw (4×8)
22	XBBSD40P12000	AA		С	Screw (4×12j
	DHAi-2952FC11	BH		С	AC harness (100V series)[AR-280,285,335]
	DHAi-2959FC11	BK		С	AC harness (200V series)[AR-280,285,335]
	DHA i - 3 0 9 7 F C Z Z	BK		С	AC harness (100V series except Taiwan)[AR-250,281,286,336]
	DHA i - 3 0 9 8 F C Z Z	BK		С	AC harness (Taiwan only)[AR-250,281,286,336]
23	DHAi-2959FC12	BK		С	AC harness (200V series)[AR-250,281,286,336]
	DHA i - 3 0 6 8 F C Z Z	BK		С	AC harness (40 EX100) (100V series)[AR-405]
	DHA i - 3 0 6 9 F C Z Z	BA		С	AC harness (40 EX200) (200V series)[AR-405]
	DHA i - 3 1 0 0 F C Z Z	ВА	N	С	AC harness (100V series)[AR-505]
	DHA i - 3 1 0 1 F C Z Z	ВА	N	С	AC harness (200V series)[AR-505]
24	NGERH1339FCZZ	ΑE	N	С	Fusing drive gear [AR-505]
25	NSFTZ2555FCZZ	AH	N	С	HR drive shaft [AR-505]
	L H L D W 7 0 7 6 S C Z Z	AB		C	Cable holder
	LHLDW1178FCZZ	AB		C	Cable holder
28	LPiNS0263FCZZ	AD		C	T-figure pin [AR-505]
	NBRGM1040HCZZ	AC		C	Bearing [AR-505]
	NBRGC2019SCZZ	AC		C	Bearing [AR-505]
	L X - R Z 1 0 1 7 H C Z Z	AA		C	fixing ring [AR-505]

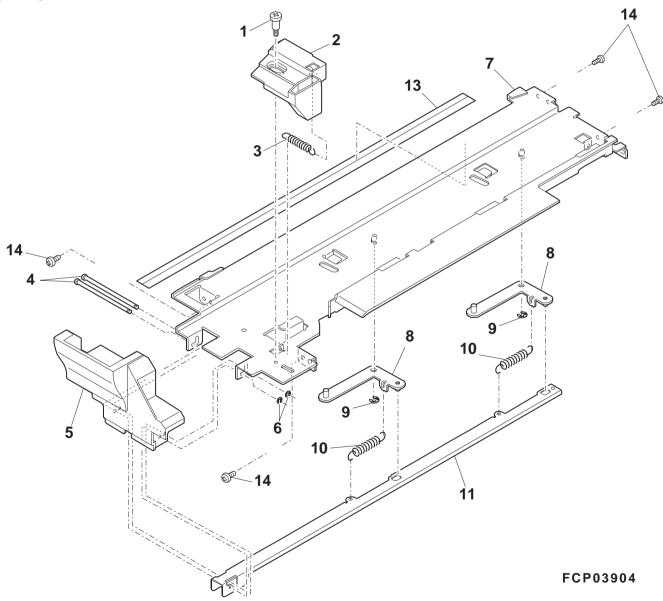




30 DV guide unit

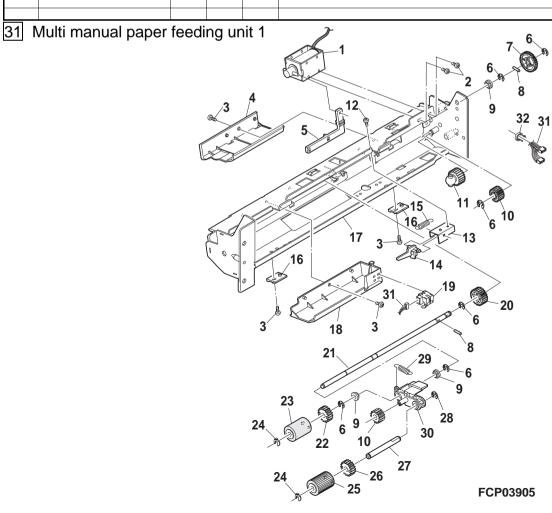
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	L X - B Z 0 5 8 1 F C Z Z	AB		С	Screw
	LSTPP0343FCZZ	AD		С	DV stopper
3	MSPRC2378FCZZ	AC		С	Stopper spring
4	NSFTZ1595FCZZ	AD		С	Shaft G
5	JHNDP0144FCZZ	AK		С	DV guide handle
6	XRESP20-03000	AA		С	E type ring
7	CG i DH 1 7 9 1 F C 0 1	ΑT		С	DV guide
8	CPLTM5419FC01	AH		С	Plate DVB
9	XRESP40-06000	AA		С	E type ring
10	MSPRC2686FCZZ	AC		С	DV guide spring
	LPLTM5418FCZZ	AH		С	Plate DVA
	PSHEZ4616FCZZ	AP		С	DV guide sheet
14	XHBSE40P08000	AA		С	Screw (4×8)

30 DV guide unit



31 Multi manual paper feeding unit 1

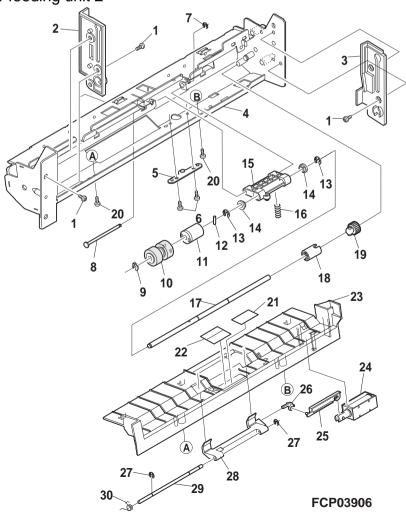
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	RPLU-0330FCZZ	ΑT		В	Plck up solenoid
2	XBPSD30P04000	AA		C	Screw (3×4)
3	XHBSE40P08000	AA		C	Screw (4×8)
4	PGiDM1809FCZZ	ΑF		С	MF upper paper guide R
5	MARMP0246FCZ1	ΑE		С	MF slide arm
6	XRESP50-06000	AA		С	E type ring
7	NGERH1258FCZZ	AD		С	Manual paper feeding gear (33T)
8	LPiNS0134FCZZ	AB		С	Pin (\$\phi 2-12)
9	NBRGM1040HCZZ	AC		С	Bearing
	NGERH1259FCZZ	AD		С	Idle gear (20T)
	NGERH1261FCZZ	AM		С	Joint gear (22T)
	XHBSD30P06000	AA		С	Screw (3×6)
	LPLTM5417FCZZ	AD		С	MF rotation arm fixing plate
	MARMP0247FCZZ	AD		С	MF rotation arm
	MSPRC2646FCZZ	AB		С	MF arm return spring
	LDAiU0584FCZZ	AD		С	R door lock block
	CFRM-0956FC01	AW		С	Manual paper feeding frame
	PGiDM1808FCZZ	AG		С	MF upper paper guide F
	QSW-Z0514FCZZ	AP		В	Photo sensor (MPED)
	NGERH1260FCZZ	AD		С	Idle gear (24T)
	NSFTZ2468FCZZ	AM		С	MF roller shaft
	NGERH1262FCZZ	AM		С	Paper feeding roller gear (24T)
	NRŌLR1241FCZZ	AL		С	Manual feeding roller
	LSTPP0279FCZZ	AB		С	Stopper
	NRŌLR1240FCZZ	AL		С	MF pick up roller R
	NGERH1263FCZZ	AC		С	Pick up roller gear (24T)
	NSFTZ2472FCZZ	AH		С	MF pick up shaft
	XRESP40-06000	AA		С	E type ring
	MSPRC2650FCZZ	AB		С	MF pick up roller
	MARMP0244FCZZ	AD		С	MF roller arm
	DHA i - 2859FCZZ	AU		С	MF drive harness
32	LBNDJ0013FCZ1	AA		С	Wire band
	(Unit)				
901	CFRM-0956FC31	BS		E	Multi manual paper feeding unit



32 Multi manual paper feeding unit 2

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XHBSE40P08000	AA	100 0 0	C	Screw (4×8)
	LHLDZ1378FCZZ	AF		Č	MF tray holder F
3	LHLDZ1379FCZZ	AF		C	MF tray holder R
4	CFRM-0956FC01	AW		С	Manual paper feeding frame
5	LPLTM5467FCZZ	AD		С	MF pressure spring fixing plate
	XHBSD30P06000	AA		С	Screw (3×6)
	XRESP30-05000	AA		С	E type ring
	NSFTZ2471FCZZ	AH		С	MF reverse holder shaft
	LSTPP0279FCZZ	AB		С	Stopper
	NRŌLR1220FCZZ	ΑL		С	MF reverse holder roller
	PCLC-0277FCZZ	AS		В	MF clutch
	XPSSJ20-12000	AA		С	Spring pin (\phi2-12)
	XRESP50-06000	AA		С	E type ring
	NBRGM1040HCZZ	AC		С	Bearing
	LHLDZ1358FCZZ	AD		С	MF reverse roller holder
	MSPRC2645FCZZ	AB		С	MF reverse pressure spring
	NSFTZ2469FCZZ	AL		С	MF reverse roller shaft
	PPiPP0199FCZZ	AD		С	Joint pipe
	NGERH1261FCZZ	AM		С	Joint gear (22T)
	XEBSD40P12000	AA		С	Screw (4×12)
	PSHEZ4525FCZZ	AC		С	MF pad sheet
	PSHEZ4524FCZZ	AC		С	Reverse roller front sheet
	PGiDM1810FCZZ	AP		С	MF lower paper guide
	RPLU-0331FCZZ	AR		В	Gate solenoid
	MARMP0248FCZZ	ΑE		С	MF gate joint arm
	MLEVP0764FCZZ	AD		С	MF gate lever
	XRESP25-04000	AA		С	E type ring
	PGiDM1811FCZZ	AG		С	MF gate
	NSFTZ2493FCZ1	AH		С	MF gate shaft
30	MSPRC2647FCZZ	AB		С	MF gate spring
	(Unit)				
901	CFRM-0956FC31	BS		Е	Multi manual paper feeding unit

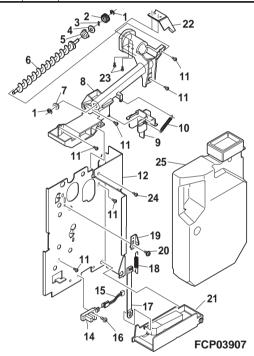
32 Multi manual paper feeding unit 2



33 Waste toner unit

-					
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XRESP40-06000	AA		С	E type ring
2	NGERH1346FCZZ	ΑE		С	Waste toner gear B
3	LPiN-0026MCZZ	AA		С	Spring pin (ϕ 2-10)
4	LX-WZ0075FCZZ	AA		С	MB fixing washer
5	NBRGP0321FCZZ	AD		С	Bearing
6	NSRW-0029FCZZ	AH		С	Transport screw
7	NBRGP0322FCZZ	AC		С	Bearing MX
8	PPiPP0198FCZZ	AS		С	Waste toner transport pipe
	PSHT-0075FCZZ	AF		С	Drive shutter
10	MSPRC2625FCZZ	AC		С	shutter spring
	XHBSE40P08000	AA		С	Screw (4×8)
	PGiDH1782FCZ1	AQ		С	Bottle guide
	V H P G P 1 A 2 2 L C - 1	AK		В	Photo sensor (GP1A22LC)
	DHA i - 2835FCZZ	AG		С	TFD interface harness
	XBBSD40P12000	AA		С	Screw (4×12)
	MLEVP0746FCZZ	ΑE		C	Joint lever
18	MSPRC2624FCZZ	AC		С	Detect spring S
19	LPLTM5394FCZZ	AD		С	SP adjusting plate
20		AA		C	Screw (4×8KS)
21	LDAiU0572FCZZ	AH		С	Bottle support base
	CPLTM5491FC01	AH		С	Plate spring fixing plate
	XBBSD30P04000	AA		С	Screw (3×4)
	XEBSD40P08000	AA		С	Screw (4×8)
25	CYŌK-0053FC01	AU		D	Waste toner bottle

33 Waste toner unit

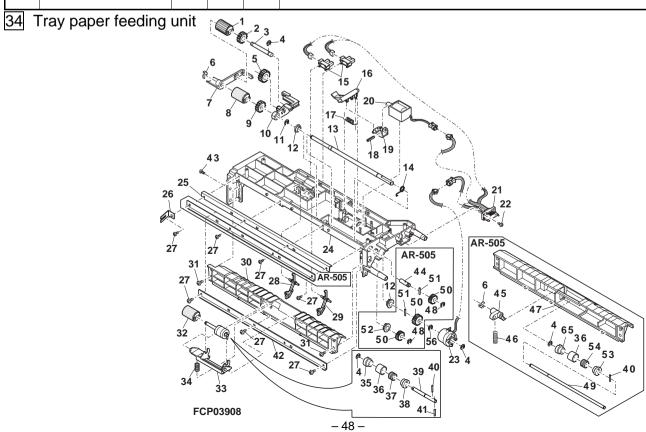


34 Tray paper feeding unit

<u> </u>	ray paper recaing				
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	NRŌLR1219FCZZ	ΑL		С	Pick up roller
2	NGERH1263FCZZ	AC		С	Pick up roller gear (24T)
	NSFTZ2483FCZZ	ΑE		С	CG pick up roller shaft
	XRESP50-06000	AA		С	E type ring
	NGERH1274FCZZ	AC		С	Idle gear (26T)
	LSTPP0279FCZZ	AB		С	Stopper
	MLEVP0761FCZZ	AD		С	Pick up roller lever L
	NRŌLR1218FCZZ	ΑL		С	Paper feeding roller
	NGERH1275FCZZ	AM		С	Paper feeding roller gear (24T)
	MLEVP0762FCZZ	AD		С	Pick up roller lever R
11	XRESP70-08000	AA		С	E type ring
12	NBRGP0549FCZZ	AC		С	Bearing (\(\phi 8\)) [except AR-505
12	NBRGC0167FCZZ	AB		С	Bearing [AR-505
13	NSFTZ2547FCZZ	AP		С	Paper feeding roller shaft [except AR-505
13	NSFTZ2563FCZZ	AR	N	С	Paper feeding roller shaft [AR-505
14	MSPRC2658FCZZ	AC		С	PF earth spring [except AR-505
	MSPRC2589FCZZ	AD		С	PF earth spring [AR-505
	VHPGP1A71A1-1	AG		В	Photo sensor (GP1A71A1)
	MLEVP0588FCZZ	AB		С	Solenoid lever
	MSPRC2699FCZZ	AC		С	Solenoid lever spring
	LPiNS0317FCZZ	AB		С	Spring pin (\phi3-18)
19	MARMP0250FCZZ	AC		С	Solenoid arm

34 Tray paper feeding unit

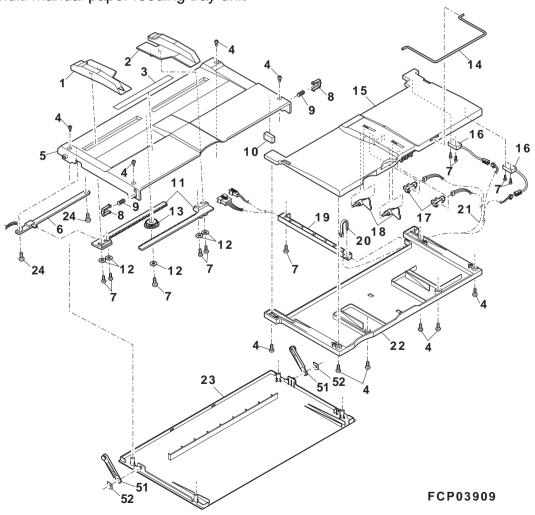
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
	RPLU-0327FCZZ	AQ		В	Pick up solenoid	
	DHAi-2049FC11	AQ		С	Paper feeding harness 1.2	
22	XEBSD30P12000	AA		С	Screw (3×12)	
5	PCLC-0289FCZZ	ΑV		В	PF clutch	[except AR-505]
23	PCLC-0295FCZZ	ΑV	N	В	PF clutch	[AR-505]
24	LBRC-0048FCZ2	AQ		С	Main bracket	[except AR-505]
24	LBRC-0048FCZ3	AQ		С	Main bracket	[AR-505]
25	LPLTM4057FCZ1	AH		С	Reinforce plate	[except AR-505]
25	LPLTM4057FCZ2	AH		С	Reinforce plate	[AR-505]
	MSPRP2362FCZZ	AC		С	Earth spring	
	XEBSD30P08000	AA		С	Screw (3×8)	
	MLEVP0695FCZZ	AC		С	H Paper feeding lever	
29	MLEVP0601FCZZ	AC		С	Sensor lever	
30	PGiDM1825FCZ1	AN		С	Lower guide	[except AR-505]
	XEBSD40P10000	AA		С	Screw (4×10)	
32	NRŌLR1229FCZZ	ΑL		С	Reverse roller	
33	LPLTM5457FCZZ	ΑE		С	PF pressure plate	[except AR-505]
	MSPRC2674FCZZ	AC		С	Pressure spring	[except AR-505]
	CCLR-0372FC01	AH		С	Collar	[except AR-505]
36	PCŌVP1142FCZZ	AC		С	Cover	
	MSPRC2382FCZZ	AG		С	Spring	[except AR-505]
38	PCLR-0373FCBZ	AD		С	Collar	[except AR-505]
	NSFTZ2484FCZZ	ΑF		С	Reverse roller shaft	[except AR-505]
40	XPSSJ20-15000	AΑ		С	Spring pin (\phi2-15)	
41	LPiNS0319FCZZ	AB		С	Spring pin (\phi2-18)	[except AR-505]
40	LPLTM4057FCZZ	AF		С	Reinforce plate	[except AR-505]
42	LPLTM4057FCZ2	AH		С	Reinforce plate	[AR-505]
	XHBSE40P08000	AA		С	Screw (4×8)	
	L B O S Z 2 O 1 1 F C Z Z	AB	N	С	Main bracket boss	[AR-505]
45	CLEVP0777FC01	AG	N	С	Roller lever	[AR-505]
46	MSPRC1943FCZ2	AC		С	Roller lever spring	[AR-505]
	PGiDM1344FCZZ	AM		С	Lower guide	[AR-505]
48	XRESP40-06000	AA		С	E ring 4	[AR-505]
	NSFTZ1765FCZZ	AH		С	Roller shaft	[AR-505]
50	NGERH1350FCZZ	AD	N	С	Delivery roller gear (17T)	[AR-505]
	LPiNS0165FCZZ	AB		С	Pin (2-8)	[AR-505]
	NBRGC0633FCZZ	AK	N	С	Bearing (\phi6)	[AR-505]
	PCLR-0373FCZZ	AC		С	collar	[AR-505]
	MSPRC2345FCZZ	AG		С	Spring	[AR-505]
55	CCLR-0372FC02	AM		С	Collar ass'y	[AR-505]
56	XRESP70-08000	AA		С	E type ring	[excpet AR-505]
56	XRESP50-06000	AA		С	E type ring	[AR-505]
	(Unit)					
901	DUNT-6923FCZZ	BM		E	550 Paper feeding unit	[except AR-505]
901	DUNT-6923FC11	BN	N	Е	550 Paper feeding unit	[AR-505]



35 Multi manual paper feeding tray unit

NO. PARTS CODE	33 I	viulli manuai papei	iccui	ng uc	ay um	it
P G i DM1 8 0 7 F C Z	NO.		RANK			DESCRIPTION
T L A B Z 4 2 6 1 F C Z Z AE C Manual feeding size label (Inch series) T L A B Z 4 2 6 2 F C Z Z AE C Manual feeding size label (AB series) X E B S S 3 0 P 0 8 0 0 0 AA C Screw (3x-8) S L S O U − 0 1 6 4 F C Z Z AU D Manual feeding tray 1 upper 6 R V R − P 0 0 0 9 F C Z AV B MF tray variable resistor 7 X E B S D 3 0 P 0 6 0 0 0 AA C Screw (3x-6) 8 P T M E − 0 2 7 1 F C Z Z AD C Tray lock pawl 9 M S P R C 2 1 1 4 F C Z Z AB D Lock spring 10 P M A G T 0 0 8 B F C Z Z AF B MF tray rack gear 11 N G E R R 1 2 7 3 F C Z AD C MF tray rack gear 12 X W H S D 3 0 − 0 8 1 0 0 AA C Washer 13 N G E R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S O U − 0 1 6 6 F C Z AS D Manual feeding tray 2 upper 16 Q S W − L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 − 1 AG B Photo sensor (GP 1A71A1) 18 M L E V P O 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C C Wise band 21 D H A i − 2 8 5 8 F C Z Z AU D Manual feeding tray 2 lower 22 L S O U − 0 1 6 7 F C Z Z AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P O 8 0 0 0 AA C C Screw (3x-8) 51 M A R M P O 2 4 3 F C Z Z AD C C Mise tray arm 52 P R N G P O 0 8 1 F C Z AA C C Manual feeding tray arm 52 P R N G P O 0 8 1 F C Z AA C C Ring E4 (Unit) 61 C S O U − 0 1 6 4 F C 3 2 B P E Multi manual paper feeding tray unit (Inch series)	1	PGiDM1806FCZZ	ΑE		С	Manual feeding guide F
3 T L A B Z 4 2 6 2 F C Z Z A E C Manual feeding size label (AB series) 4 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3x8) Screw (3x8) 5 L S Ō U − 0 1 6 4 F C Z Z AU D Manual feeding tray 1 upper 6 R V R − P 0 0 0 9 F C Z Z AV B MF tray variable resistor 7 X E B S D 3 0 P 0 6 0 0 0 AA C Screw (3x6) 8 P T ME − 0 2 7 1 F C Z Z AD C Tray lock pawl 9 M S P R C 2 1 1 4 F C Z Z AB D Lock spring 10 P M A G T 0 0 8 8 F C Z Z AF B MF magnet 11 N GER R 1 2 7 3 F C Z Z AD C MF tray rack gear 12 X W H S D 3 0 − 0 8 1 0 0 AA C Washer 13 N GER R 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S O U − 0 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W − L 0 5 1 5 F C Z Z AR B	2				С	Manual feeding guide R
4 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 5 L S O U - 0 1 6 4 F C Z Z A U D Manual feeding tray 1 upper 6 R V R - P 0 0 0 9 F C Z Z A V B MF tray variable resistor 7 X E B S D 3 0 P 0 6 0 0 0 AA C Screw (3×6) 8 P T M E - 0 2 7 1 F C Z Z AD C Tray lock pawl 9 M S P R C 2 1 1 4 F C Z Z AB D Lock spring 10 P M A G T 0 0 8 8 F C Z Z AF B MF magnet 11 N GE R R 1 2 7 3 F C Z Z AD C MF tray rack gear 12 X W H S D 3 0 - 0 8 1 0 0 AA C Washer 13 N GE R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C T ray sub guide 15 L S G U - 0 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W - L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) <			ΑE		С	Manual feeding size label (Inch series)
5 L S O U − 0 1 6 4 F C Z Z AU D Manual feeding tray 1 upper 6 R V R − P 0 0 0 9 F C Z Z AV B MF tray variable resistor 7 X E B S D 3 0 P 0 6 0 0 0 AA C Screw (3x6) 8 P T M E − 0 2 7 1 F C Z Z AD C Tray lock pawl 9 M S P R C 2 1 1 4 F C Z Z AB D L Cok spring 10 P M A G T 0 0 8 8 F C Z Z AF B MF magnet 11 N G E R R 1 2 7 3 F C Z Z AD C MF tray rack gear 12 X W H S D 3 0 − 0 8 1 0 0 AA C Washer 13 N G E R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S O U − 0 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W − L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 − 1 AG B Photo sensor (GP1A71A1) 18	3	TLABZ4262FCZZ	ΑE		С	Manual feeding size label (AB series)
5 L S Ö U − 0 1 6 4 F C Z Z AU D Manual feeding tray 1 upper 6 R V R − P 0 0 0 9 F C Z Z AV B MF tray variable resistor 7 X E B S D 3 0 P 0 6 0 0 0 AA C Screw (3x6) 8 P T M E − 0 2 7 1 F C Z Z AD C Tray lock pawl 9 M S P R C 2 1 1 4 F C Z Z AB D L cok spring 10 P M A G T 0 0 8 8 F C Z Z AF B MF magnet 11 N G E R R 1 2 7 3 F C Z Z AD C MF tray rack gear 12 X W H S D 3 0 − 0 8 1 0 0 AA C Washer 13 N G E R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S Ö U − 0 1 6 6 F C Z Z AS D Multi manual feed gear 16 Q S W − L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 − 1 AG B Photo sensor (GP1A7141) 18			AA		С	Screw (3×8)
7 X E B S D 3 0 P 0 6 0 0 0 AA C Screw (3×6) 8 P T M E - 0 2 7 1 F C Z Z AB D C Tray lock pawl 9 M S P R C 2 1 1 4 F C Z Z AB D Lock spring 10 P M A G T 0 0 8 8 F C Z Z AF B M F magnet 11 N G E R R 1 2 7 3 F C Z Z AD C M F tray rack gear 12 X W H S D 3 0 - 0 8 1 0 0 AA C Washer 13 N G E R H 1 2 8 2 F C Z Z AD D M Ulti manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C T ray sub guide 15 L S Ö U - 0 1 6 6 F C Z Z AS D M anual feeding tray 2 upper 16 Q S W - L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P 0 7 3 4 F C Z 1 AF D T ray sensor lever 19 L H L D Z 1 3 8 4 F C Z 2 AE C Harness holder <t< td=""><td>5</td><td>L S O U - 0 1 6 4 F C Z Z</td><td>ΑU</td><td></td><td>D</td><td></td></t<>	5	L S O U - 0 1 6 4 F C Z Z	ΑU		D	
8 PTME - 0 2 7 1 F C Z Z AD C Tray lock pawl 9 M S P R C 2 1 1 4 F C Z Z AB D Lock spring 10 P M A G T 0 0 8 8 F C Z Z AF B MF magnet 11 N G E R R 1 2 7 3 F C Z Z AD C Washer 12 X W H S D 3 0 - 0 8 1 0 0 AA C Washer 13 N G E R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S O U - 0 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W - L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P O 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C C Ring E4 (Unit) 60 C S O U - 0 1 6 4 F C 3 2 BP E Multi manual paper feeding tray unit (Inch series)	6	RVR-P0009FCZZ	ΑV		В	MF tray variable resistor
9 MSPRC2114FCZZ AB D Lock spring 10 PMAGT0088FCZZ AF B MF magnet 11 NGERR1273FCZZ AD C MF tray rack gear 12 XWHSD30-08100 AA C Washer 13 NGERH1282FCZZ AD D Multi manual feed gear 14 PGiDW1824FCZZ AC C Tray sub guide 15 LSÖU-0166FCZZ AS D Manual feeding tray 2 upper 16 QSW-L0515FCZZ AR B Lead switch 17 VHPGP1A71A1-1 AG B Photo sensor (GP1A71A1) 18 MLEVP0734FCZ1 AF D Tray sensor lever 19 LHLDZ1384FCZZ AE C Harness holder 20 LBNDJ0013FCZ1 AA C Wire band 21 DHAi-2858FCZZ AV C MF tray harness 22 LSÖU-0165FCZI AU D Manual feeding tray 2 lower 23 LSÖU-0165FCZI AU D Manual feeding tray 1 lower 24 XEBSE30P08000 AA C Screw (3x8) 51 MARMP0243FCZZ AD C Manual feeding tray arm 62 PRNGP0081FCZZ AA C RingE4 (Unit) 61 CSÖU-0164FC32 BP E Multi manual paper feeding tray unit (Inch series)	7	XEBSD30P06000	AA		С	Screw (3×6)
10	8	PTME-0271FCZZ	AD		С	Tray lock pawl
11 N G E R R 1 2 7 3 F C Z Z AD C MF tray rack gear 12 X W H S D 3 0 - 0 8 1 0 0 AA C Washer 13 N G E R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S O U - 0 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W - L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P 0 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z 2 AE C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C Wire band 22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8)	9	MSPRC2114FCZZ	AB		D	Lock spring
12 X W H S D 3 0 - 0 8 1 0 0 AA C Washer 13 N G E R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S O U - 0 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W - L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P 0 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Hamess holder 20 L B N D J 0 0 1 3 F C Z Z AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray un	10	PMAGT0088FCZZ	AF		В	MF magnet
13 N G E R H 1 2 8 2 F C Z Z AD D Multi manual feed gear 14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S Ō U - 0 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W - L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P 0 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S Ō U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S Ō U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm <td>11</td> <td>NGERR1273FCZZ</td> <td>AD</td> <td></td> <td>С</td> <td>MF tray rack gear</td>	11	NGERR1273FCZZ	AD		С	MF tray rack gear
14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S Ō U - O 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W - L O 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P O 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J O 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S Ō U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S Ō U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) E Multi manual paper feeding tray unit (Inch series)	12	XWHSD30-08100	AA		С	Washer
14 P G i D W 1 8 2 4 F C Z Z AC C Tray sub guide 15 L S Ō U - O 1 6 6 F C Z Z AS D Manual feeding tray 2 upper 16 Q S W - L O 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P O 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J O 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S Ō U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S Ō U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) E Multi manual paper feeding tray unit (Inch series)	13	NGERH1282FCZZ	AD		D	Multi manual feed gear
16 Q S W - L 0 5 1 5 F C Z Z AR B Lead switch 17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P 0 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) C Multi manual paper feeding tray unit (Inch series)	14	PGiDW1824FCZZ	AC		С	
17 V H P G P 1 A 7 1 A 1 - 1 AG B Photo sensor (GP1A71A1) 18 M L E V P 0 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) (Unit) (Inch series)	15	LSŌU-0166FCZZ	AS		D	Manual feeding tray 2 upper
18 M L E V P 0 7 3 4 F C Z 1 AF D Tray sensor lever 19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) (Unit) (Inch series)	16	QSW-L0515FCZZ	AR		В	Lead switch
19 L H L D Z 1 3 8 4 F C Z Z AE C Harness holder 20 L B N D J 0 0 1 3 F C Z 1 AA C Wire band 21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) (Unit) (Inch series)	17	VHPGP1A71A1-1	AG		В	Photo sensor (GP1A71A1)
20 LBNDJ0013FCZ1 AA C Wire band 21 DHAi-2858FCZZ AV C MF tray harness 22 LSOU-0167FCZZ AU D Manual feeding tray 2 lower 23 LSOU-0165FCZ1 AU D Manual feeding tray 1 lower 24 XEBSE30P0800 AA C Screw (3×8) 51 MARMP0243FCZZ AD C Manual feeding tray arm 52 PRNGP0081FCZZ AA C Ring E4 (Unit) 001 CSOU-0164FC32 BP E Multi manual paper feeding tray unit (Inch series)	18	MLEVP0734FCZ1	ΑF		D	Tray sensor lever
21 D H A i - 2 8 5 8 F C Z Z AV C MF tray harness 22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) (Unit) (Inch series)	19	LHLDZ1384FCZZ	ΑE		С	Harness holder
22 L S O U - 0 1 6 7 F C Z Z AU D Manual feeding tray 2 lower 23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) C Multi manual paper feeding tray unit (Inch series)	20	LBNDJ0013FCZ1	AA		С	Wire band
23 L S O U - 0 1 6 5 F C Z 1 AU D Manual feeding tray 1 lower 24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) C Multi manual paper feeding tray unit (Inch series)	21	DHAi-2858FCZZ	ΑV		С	MF tray harness
24 X E B S E 3 0 P 0 8 0 0 0 AA C Screw (3×8) 51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) C So U - 0 1 6 4 F C 3 2 BP E Multi manual paper feeding tray unit (Inch series)	22	L S O U - 0 1 6 7 F C Z Z	ΑU		D	Manual feeding tray 2 lower
51 M A R M P 0 2 4 3 F C Z Z AD C Manual feeding tray arm 52 P R N G P 0 0 8 1 F C Z Z AA C Ring E4 (Unit) CS O U - 0 1 6 4 F C 3 2 BP E Multi manual paper feeding tray unit (Inch series)	23	LSŌU-0165FCZ1	ΑU		D	Manual feeding tray 1 lower
52 PRNGP0081FCZZ AA C Ring E4 (Unit) (Unit) (Inch series) 201 CSOU - 0164FC32 BP E Multi manual paper feeding tray unit (Inch series)	24	XEBSE30P08000	AA		С	Screw (3×8)
(Unit) CSŌU - 0 1 6 4 F C 3 2 BP E Multi manual paper feeding tray unit (Inch series)	51	MARMP0243FCZZ	AD		С	Manual feeding tray arm
On CSOU - 0 1 6 4 F C 3 2 BP E Multi manual paper feeding tray unit (Inch series)	52	PRNGP0081FCZZ	AA		С	Ring E4
		(Unit)				
	004	CSŌU-0164FC32	BP		Е	Multi manual paper feeding tray unit (Inch series)
	901	CSŌU-0164FC33	BQ		Е	

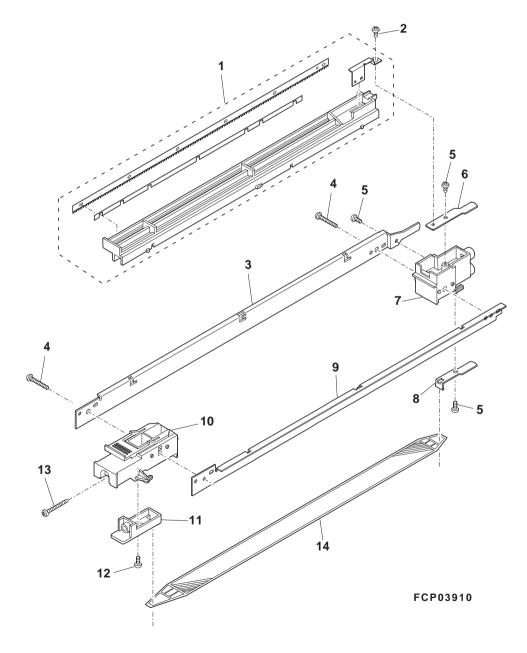
35 Multi manual paper feeding tray unit



36 MC unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	CPLTM5475FC51	ΑT		Е	Plate unit
2	XBPS230P04000	AA		С	Screw (2.3×4)
3	LPLTM5391FCZZ	AK		С	MC plate L
4	XBPSD40P27000	AA		С	Screw (4×27)
_	XEPSD30P06000	AA		С	Screw (3×6)
_	QSLP-0191FCZZ	ΑE		С	MC electrode
	LHLDZ1370FCZZ	AH		С	MC holder R
_	QSLP-0190FCZZ	ΑE		С	MC grid electrode
_	LPLTM5392FCZZ	AH		С	MC plate R
	LHLDZ1369FCZZ	AP		С	MC plate F
	LHLDZ0932FCYZ	AD		С	Grid holder
12	L X - B Z 4 0 0 8 S C 0 M	AA		С	Screw (4×8)
	XBBSD40P12000	AA		С	Screw (4×12)
14	LPLTM5393FCZZ	AL		С	Grid
	(Unit)				
901	CPLTM5391FC51	BC		Е	MC unit

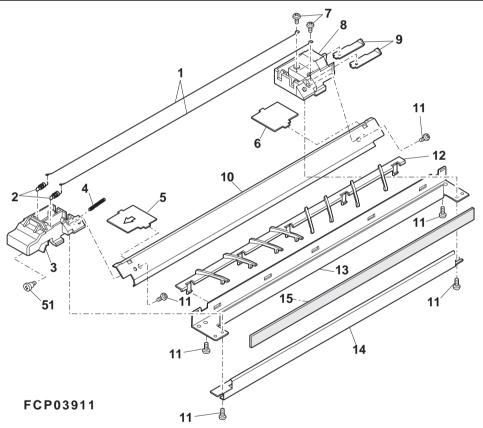
36 MC unit



37 TC unit

T		PRICE	NEW	PART	
NO.	PARTS CODE	RANK	MARK	RANK	DESCRIPTION
1	PWiR-0188FCZZ	AM	N	В	Charger wire
2	MSPRT0513FCZZ	AA		С	MC tension spring
3		ΑL		С	TC holder F
	MSPRP1550FCZZ	AA		С	TC spring
	PCOVP1436FCZ1	AC		С	Holder cover F
	PCŌVP1437FCZ1	AC		С	Holder cover R
	XBPSD30P06000	AA		С	Screw (3×6)
	LHLDZ1373FCZZ	AK		С	TC holder R
	QSLP-0193FCZZ	AF		С	TC electrode
10	CG i DH 1 7 8 1 F C 5 1	AP		Е	TC paper guide unit
11		AA		С	Screw (3×6)
	PGiDM1799FCZZ	AL		С	TC transport guide
	PCASZ0285FCZZ	AL		С	TC case
	PCASZ0286FCZZ	AK		С	TC sub case
	PSHEP4664FCZZ	AD		С	TC center sheet
51		AC		С	Screw
	(Unit)				
901	CCASZ0285FC51	ВС		Е	TC unit





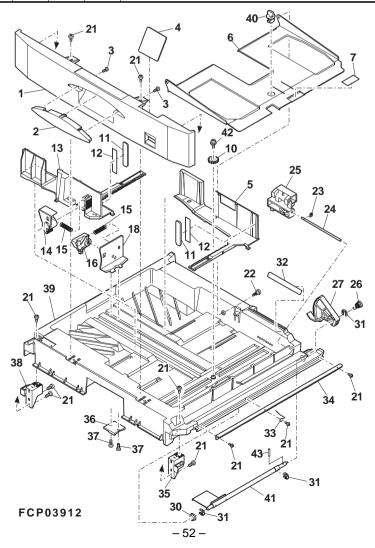
38 Tray unit

	i ray arm				
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	JHNDP0143FCZZ	AW		С	550 tray handle
2	PCŌVP1451FCZZ	AH		С	Tray handle cover
3	XEBSD30P12000	AA		С	Screw (3×12)
4	LPLTK5492FCZ1	ΑE		D	Size display plate (AB series)
4	LPLTK5492FCZ2	ΑE		D	Size display plate (Inch series)
5	LPLTP5412FCZZ	AP		С	Side plate R
6	LPLTM5414FCZZ	AS		С	Rotation plate
7	PSHEZ3130FCZZ	AB		С	Rotation plate sheet
8	XEBSD30P08000	AA		С	Screw (3×8)
	L X - W Z 2 0 2 8 S C Z Z	AA		С	Washer (\phi3-10)
	NGERH0193FCZZ	AB		С	UC manual feed gear
	PGiDH1833FCZZ	AC		С	Side plate guide
	PTPE-0243FCZZ	AD		С	Side plate tape
	LPLTP5411FCZZ	AQ		С	Side plate F
	MLEVP0755FCZZ	AG		С	Side plate F lever
	MSPRC2640FCZZ	AC		С	Side plate F lever spring
16	LPLTP5413FCZZ	AF		С	Rear plate

38 Tray unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
18	MLEVP0754FCZZ	AF		С	Rear plate lever
19	XBPSD40P08KS0	AA		С	Screw (4×8KS)
20	LPLTM5415FCZZ	AG		С	Lift plate
21	XEBSD40P08000	AA		С	Screw (4×8)
22	L X - B Z 0 8 3 3 F C Z Z	AC		С	Rotation plate screw
23	LSTPP0314FCZZ	AA		С	E3 stopper
24	NSFTZ2467FCZZ	AF		С	Size detection ratch shaft
25	LDAiU0576FCZZ	AG		С	Size detection block
26	MSPRC2642FCZ1	AB		С	Tray earth spring
27	NGERK1272FCZ1	AF		С	Gear
28	XBBSD40P10000	AA		С	Screw (4×10)
	NSFTZ2466FCZZ	AR		С	Lift shaft
	NBRGP0626FCZZ	AC		С	PF bearing (M8)
31	XRESP70-08000	AA		С	E type ring
	T L A B Z 4 2 3 9 F C Z Z	AD		С	Size display label (AB series, except Taiwan)
32	TLABZ4240FCZZ	AD		С	Size display label (Inch series)
	TLABZ4276FCZZ	AD		C	Size display label (Taiwan only)
	MSPRC2669FCZZ	AB		С	Tray right earth spring
	LPLTM5416FCZZ	AH		C	Tray reinforce plate right
	PTME-0272FCZZ	AG		С	Tray pawl right
	LHLDZ1377FCZZ	AD		С	Rear plate holder
	L X - B Z 0 5 3 1 F C Z Z	AA		С	Screw (4×8)
	PTME-0273FCZZ	AG		C	Tray pawl left
	GCASP0173FCZZ	BB		D	550 tray case
	LHLDW1226FCZZ	AB		С	Turn fasner
	CSFTZ2553FC01	AN		С	Lift shaft
	L X - B Z 0 8 8 4 F C Z Z	AB		С	Pinion gear screw
43	LPiNS7062SCZZ	AA		С	Spring pin (\phi3-16)
	(Unit)				
	CCASP0173FC32	BP		Е	Tray unit (AB series,except Taiwan)
901	CCASP0173FC33	BP		Е	Tray unit (Inch series)
	CCASP0173FC37	BP		E	Tray unit (Taiwan only)

38 Tray unit



39 Packing material & Accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
	SPAKC5833FCZZ	BD		D	Packing case	(For Europe except U.Kingdom)[AR-28
	SPAKC5833FC11	BD		D	Packing case	(For Europe except U.Kingdom)[AR-28
	SPAKC5833FC12	BD		D	Packing case	(For Europe except U.Kingdom)[AR-33
	SPAKC5748FC13	BD		D	Packing case	(Other countries)[AR-28
	SPAKC5748FC14	BD		D	Packing case	(Other countries)[AR-28
	SPAKC5748FC15	BD		D	Packing case	(Other countries)[AR-33
	SPAKC5981FC11	BC BC		D	Packing case	(USA only)[AR-25
	S P A K C 5 9 8 2 F C Z Z S P A K C 5 9 8 1 F C Z Z	BC		D	Packing case Packing case	(For Europe except U.Kingdom)[AR-25
	SPAKC5981FC22 SPAKC5958FC18	BD		D D	Packing case Packing case	(Other countries)[AR-25 (USA only)[AR-28
	SPAKC5958FC18	BD		D	Packing case Packing case	(For Europe except U.Kingdom)[AR-28
	SPAKC5958FC17	BD		D	Packing case	(Other countries)[AR-28
1	SPAKC5958FC20	BD		D	Packing case	(USA only)[AR-28
	SPAKC5959FC12	BD		D	Packing case	(For Europe except U.Kingdom)[AR-28
	SPAKC5958FC19	BD		D	Packing case	(Other countries)[AR-28
	SPAKC5958FC22	BD		D	Packing case	(USA only)[AR-33
	SPAKC5959FC13	BD		D	Packing case	(For Europe except U.Kingdom)[AR-33
	SPAKC5958FC21	BD		D	Packing case	(Other countries)[AR-33
	SPAKC5958FC11	BD		D	Packing case	(USA onl
	SPAKC5959FCZZ	BD		D	Packing case	(For Europe except U.Kingdor
	SPAKC5958FCZZ	BD		D	Packing case	(Other countrie
	SPAKC6003FC12	BD	N	D	Packing case	(for USA)[AR-50
	SPAKC6004FCZZ	BD	N		Packing case	(for Europe except U.Kingdom)[AR-50
	SPAKC6003FC11	BD	N	_	Packing case	(for other countries)[AR-50
	SPAKA5757FCZ1	AW		D	Top packing cushion SPF	[AR-28
	SPAKA5763FCZ1	AW		D	Top packing cushion ADF	[AR-285,33
_	SPAKA5983FCZZ	AT		D	Top packing cushion L	[AR-25
2		AT		D	Top packing cushion LSPF	[AR-28
	S P A K A 5 8 9 5 F C Z 1 S P A K A 5 9 6 2 F C Z Z	AT AT		D	Top packing cushion LADF Top packing cushion L	[AR-286,33
	SPAKA5962FCZZ	AW	N	D D	Top packing cushion L Top packing cushion L	[AR-40] [AR-50
2	PSHEZ2097FCZZ	AF	IN	С	Operation protect sheet	[AR-3C
4		AH		D	Vinyl bag for body	
- +	SPAKA5984FCZZ	AT		D	Top packing cushion R	[AR-25
	SPAKA5898FCZ1	AT		D	Top packing cushion RSPF	[AR-28
5		AT		D	Top packing cushion RADF	[AR-286,33
J	SPAKA5963FCZZ	AT		D	Top packing cushion R	[AR-40
	SPAKA6007FCZZ	AW	N	D	Top packing cushion R	[AR-50
6	SPAKA5903FCZ1	BE	- 11	D	Bottom case	7111 00
7		BE		D	Skid unit	
	TCADZ1178FCZZ	AB		D	Caution card	
9		AA		С	Washer for MB cushion	
10	L X - B Z 0 7 8 7 F C Z Z	AH		С	Screw for 2/3 mirror lock	
11	SPAKA5210FCZZ	AF		D	Tray protect packing cushion	[AR-285,335,286,33
12		AG		D	ADF protect sheet	[AR-285,335,286,33
13	SPAKA5758FCZZ	AD		D	SPF protect sheet	[AR-280,28
14		AD		D	SPF protect packing cushion	[AR-280,28
17		AB		D	Tray caution card	
18		AB		С	Turn fasner	
	DUNT-6946FC11	DB		E	RADF unit	(Inch series)[AR-285,33
	DUNT-6946FC12	DC		E	RADF unit	(AB series)[AR-285,33
	CSOU-0159FC39	BN		E	RADF tray unit	(Inch series USA, Canada) [AR-286,33
	CSOU - 0 1 5 9 F C 4 1	BP		E	RADF tray unit IN13	(Inch series Except USA, Canada) [AR-286, 33
	CSŌU-0159FC40	BN		E	RADF tray unit	(AB series ·· For Europe)[AR-286,33
	DUNT-6946FC12	DC BP		E	RADF unit	(AB series)[AR-286,33
	CSOU-0159FC42 DUNT-6918FC22	DC		E E	RADF tray unit AB13 RADF unit	(AB series Except Europe)[AR-286,3:
19	DUNT-6918FC22	DB	-	E	RADF unit	(AB series)[AR-40 (Inch series)[AR-286,33
	CSOU-0159FC39	BN	-	E	RADF unit	(Inch series)[AR-286,3. (Inch series,for USA,Canada)[AR-40
	DUNT - 6 9 1 8 F C 2 1	DC		E	RADF tray unit	(Inch series, for OSA, Canada) [AR-40 (Inch series) [AR-40
	CSOU-0159FC41	BP		E	RADF unit IN13	(Inch series, for except USA,Canada)[AR-40
	CSOU-0159FC40	BN	-	E	RADF tray unit	(Inch series, for except OSA, canada)[AR-46] (ABseries)[AR-285,33]
	CSOU-0159FC40	BN		E	RADF tray unit	(ABseries, for Europe)[AR-40
	CSOU-0159FC39	BN		E	RADF tray unit	(Inch series)[AR-285,3
	CSOU-0159FC42	BP		Ē	RADF tray unit AB13	(ABseries, except for Europe)[AR-40
	DUNT-6936FC11	CK		Ē	SPF unit	(Inch series)[AR-28
00	DUNT-6936FC11	CK		E	SPF unit	(Inch series)[AR-28
20	DUNT-6936FC12	CK		E	SPF unit	(AB series)[AR-28
	DUNT-6936FC12	CK		E	SPF unit	(AB series)[AR-28
	CYŌK-0053FC01	AU		D	Waste toner bottle	
0.4	CYŌK-0053FC01	AU		D	Waste toner bottle	
24		AB		D	Vinyl bag (280×410mm)	
	SSAKA2440QCZZ				Vinyl bag (280×410mm)	
24 30	S S A K A 2 4 4 0 Q C Z Z S S A K A 2 4 4 0 Q C Z Z	AB		D		
30	S S A K A 2 4 4 0 Q C Z Z S S A K A 2 4 4 0 Q C Z Z C C A S Z 0 0 6 7 F C 0 1			D D		
	SSAKA2440QCZZ	AB			Maintenance card	
30	S S A K A 2 4 4 0 Q C Z Z C C A S Z 0 0 6 7 F C 0 1 C C A S Z 0 0 6 7 F C 0 1	AB AD		D	Maintenance card Maintenance card	
30	S S A K A 2 4 4 0 Q C Z Z C C A S Z 0 0 6 7 F C 0 1 C C A S Z 0 0 6 7 F C 0 1 U K \overline{0}G Z 0 0 0 2 F C Z Z	AB AD AD		D D D	Maintenance card Maintenance card Vinyl gloves	
30 32 33	S S A K A 2 4 4 0 Q C Z Z C C A S Z 0 0 6 7 F C 0 1 C C A S Z 0 0 6 7 F C 0 1 U K O G Z 0 0 0 2 F C Z Z U Y O K - 0 0 1 1 F C Z Z	AB AD AD AD		D D	Maintenance card Maintenance card Vinyl gloves Vinyl bag	
30 32 33 34	S S A K A 2 4 4 0 Q C Z Z C C A S Z 0 0 6 7 F C 0 1 C C A S Z 0 0 6 7 F C 0 1 U K O G Z 0 0 0 2 F C Z Z U Y O K - 0 0 1 1 F C Z Z	AB AD AD AD AA		D D D	Maintenance card Maintenance card Vinyl gloves	(For Europ

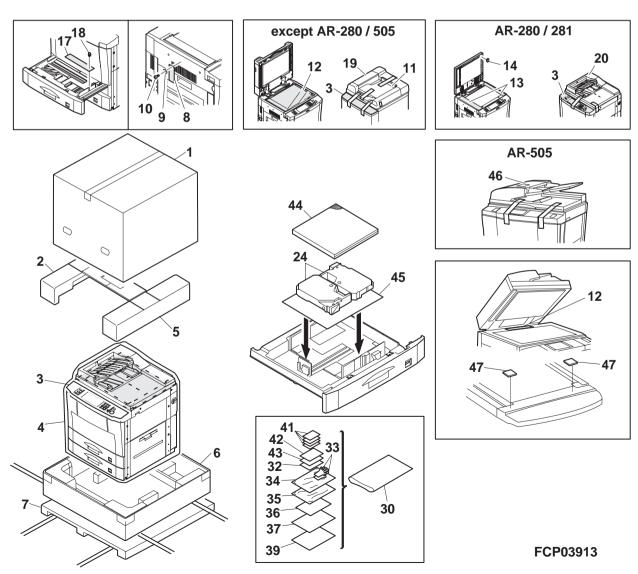
39 Packing material & Accessories

IO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	C i N S E 1 8 6 4 F C 5 1	BF	INICITAL	D	Operation manual for copy (USA only)[AR-25
	C i NSW1 8 5 9 F C 5 1	BE		D	Operation manual for copy (Swedish) [AR-281,286,33
	C i NSE 1 8 6 6 F C 5 2	BA	N	D	Operation manual for copy (English) [AR-25]
	C i NSR 1 8 6 0 F C 5 1	BE	- 1	D	Operation manual for copy (Russian) (Russia only)[AR-281,286,33
	C i NSE 1 8 6 9 F C 5 1	BB		D	
					Operation manual for copy (English)(U.Kingdom) [AR-2
	C i NSG1868FC51	BE		D	Operation manual for copy (German) [AR-2
	C i N S Z 1 8 6 1 F C 5 1	BE		D	Operation manual for copy (Arabic) [AR-281,286,3
	C i N S F 1 8 6 7 F C 5 2	BE	N	D	Operation manual for copy (French) [AR-2
	TiNSE1829FCZ1	AY		D	Operation manual for copy (USA only)[AR-4
	C i N S E 1 8 3 0 F C 5 3	BF	N	D	Operation manual for copy (English) (Except U.Kingdom)[AR-4
	C i NSS1870FC51	BE	Ν	D	Operation manual for copy (Spanish) [AR-2
	C i N S E 1 8 3 1 F C 5 2	BF		D	Operation manual for copy (English) (U.Kingdom)[AR-4
	C i N S i 1 8 7 1 F C 5 1	BE	N	D	Operation manual for copy (Italian) [AR-2
	C i NSG1832FC52	BF		D	Operation manual for copy (German) (Germany)[AR-4
	C i N S H 1 8 7 2 F C 5 1	BE	N	D	Operation manual for copy (Dutch) [AR-2
	C i NSF 1 8 3 3 F C 5 3	BF	N	D	Operation manual for copy (French) (Canada)[AR-4
	C i NSW1873FC51	BE	N	D	Operation manual for copy (Swedish) [AR-2
	C i NSR 1 8 7 4 F C 5 1	BE	N	D	Operation manual for copy (Russian) (Russia only)[AR-2
	C i NSS1834FC52	BF	IN	D	
					Operation manual for copy (Spanish) (Spanish area)[AR-4
	C i N S i 1 8 3 5 F C 5 2	BF		D	Operation manual for copy (Italian) (Italian area)[AR-4
	C i NSZ1875FC51	BE	N	D	Operation manual for copy (Arabic) [AR-2
	C i NSH1 8 3 6 F C 5 2	BF		D	Operation manual for copy (Dutch) (Dutch area)[AR-4
	TiNSE1696FCZZ	AY		D	Operation manual for copy (USA only)[AR-280,285,3
	C i N S W 1 8 3 7 F C 5 2	BF		D	Operation manual for copy (Swedish)[AR-4
	TiNSE1697FCZZ	BA		D	Operation manual for copy (English) (Except U.Kingdom)[AR-280,285,3
37	C i NSR 1 8 3 8 F C 5 1	BF		D	Operation manual for copy (Russian) (Russia only)[AR-4
	TiNSE1732FCZZ	BB		D	Operation manual for copy (English) (U.Kingdom)[AR-280,285,3
	C i N S Z 1 8 3 9 F C 5 1	BF		D	Operation manual for copy (Arabic)[AR-4
	TiNSG1731FCZZ	BF		D	Operation manual for copy (German) (Germany)[AR-280,285,3
	C i NSE 1 9 0 1 F C 5 1	AY	N	D	Operation manual for copy (English) (USA)[AR-5
	TiNSF1698FCZZ	BF	.,	D	Operation manual for copy (French) (Canada)[AR-280,285,3
					Operation manual for copy (English)
	C i N S E 1 9 0 3 F C 5 1	BA	N	D	(except USA,U.Kingdom,Australia,Russia and Spanish area)[AR-5
	TiNSS1735FCZZ	BF		D	Operation manual for copy (Spanish) [AR-280,285,3
	C i NSF 1 9 0 4 F C 5 1	BF	N	D	
		BF	IN		
	T i N S i 1 7 3 6 F C Z Z			D	Operation manual for copy (Italian) [AR-280,285,3
	TiNSH1737FCZZ	BF		D	Operation manual for copy (Dutch) [AR-280,285,3
	C i N S E 1 9 0 6 F C 5 1	BF	N	D	Operation manual for copy (English) (U.Kingdom)[AR-5
	TiNSW1738FCZZ	BF		D	Operation manual for copy (Swedish) [AR-280,285,3
	C i NSS1907FC51	BF	N	D	Operation manual for copy (Spanish) (Spanish area)[AR-5
	TiNSR1734FCZZ	BF		D	Operation manual for copy (Russian) (Russia only)[AR-280,285,3
	C i N S E 1 8 5 0 F C 5 1	ΑZ		D	Operation manual for copy (USA only) [AR-281,286,3
	C i N S E 1 8 5 2 F C 5 2	BA	N	D	Operation manual for copy (English) [AR-281,286,3
	C i N S E 1 8 5 5 F C 5 1	BB		D	Operation manual for copy (English)(U.Kingdom) [AR-281,286,3
	TiNSZ1733FCZZ	BF		D	Operation manual for copy (Arabic) [AR-280,285,3
	C i NSG1854FC51	BE		D	Operation manual for copy (German) [AR-281,286,3
	CiNSF1853FC52	BE	N	D	Operation manual for copy (French) [AR-281,286,3
	C i NSS 1 8 5 6 F C 5 1	BE		D	Operation manual for copy (Spanish) [AR-281,286,3
	C i NS i 1 8 5 7 F C 5 1	BE		D	Operation manual for copy (spanish) [AR-281,286,3
	C i NSH1 8 5 8 F C 5 1	BE		D	
		_	N.I		
	C i NS Z 1 9 1 2 F C 5 1	BL	N	D	Operation manual for copy (Arabic) (Saudi arabia)[AR-5
	C i NSE 1 8 6 5 F C 5 1	BF		D	Operation manual for Key (USA only)[AR-2
	TiNSE1705FCZZ	AN		D	Operation manual for Key (USA only)[AR-280,285,3
39	C i N S E 1 8 5 1 F C 5 1	AN		D	Operation manual for Key (USA only)[AR-281,286,3
	TiNSE1840FCZZ	AN		D	Operation manual for Key (USA only)[AR-4
	C i N S E 1 9 0 2 F C 5 1	AP	N	D	Operation manual for Key (USA only)[AR-5
	PSHEZ4555FCZZ	AH		С	Panel sheet (English) (Canada, Germany)[AR-280, 285, 3
	PSHEZ4715FCZZ	AE		С	Panel sheet B (Dutch) (Dutch area)[AR-4
	PSHEZ4556FCZZ	AH		С	Panel sheet (German) (Germany only)[AR-280,285,3
	PSHEZ4716FCZZ	ΑE		С	Panel sheet (Swedish) (Swedish area)[AR-4
	PSHEZ4557FCZZ	AH		С	Panel sheet (French) (Canada only)[AR-280,285,3
	PSHEZ4710FCBZ	ΑE	N	C	Panel sheet B (English) (Canada, Germany)[AR-5
	PSHEZ4711FCBZ	AE	N	C	Panel sheet B (German) (Germany)[AR-5
	PSHEZ4726FCZZ	AH		C	Panel sheet (English) [AR-250,281,286,3
	PSHEZ4712FCBZ	AE	N	C	Panel sheet B (French) (Canada only)[AR-5
	PSHEZ471210BZ	AH	1.4	C	Panel sheet (German) (Garnau Grijy),AR-250,281,286,3
	PSHEZ47271CZZ	AE	N	C	Panel sheet B (Spanish) (Spanish area)[AR-5
	PSHEZ4713FCBZ PSHEZ4728FCZZ	AH	IN	C	
14			N.		Panel sheet (French) (Canada)[AR-250,281,286,3
41	PSHEZ4714FCBZ	AE	N	С	Panel sheet B (Italian) (Italian area)[AR-5
	PSHEZ4729FCZZ	AH		С	Panel sheet (Spanish) [AR-250,281,286,3
	PSHEZ4703FCZZ	AK		С	Panel sheet (English) (Canada,Germany)[AR-405,5
	PSHEZ4715FCBZ	AE	N	С	Panel sheet B (Dutch) (Dutch area)[AR-5
	PSHEZ4704FCZZ	AK		С	Panel sheet (German) (Germany only)[AR-405,5
	PSHEZ4716FCBZ	ΑE	N	С	Panel sheet B (Swedish) (Swedish area)[AR-5
	PSHEZ4705FCZZ	AK		С	Panel sheet (French) (Canada only)[AR-405,5
	PSHEZ4706FCZZ	AK		С	Panel sheet (Spanish) [AR-405,5
	PSHEZ4707FCZZ	AK		C	Panel sheet (Italian) [AR-405,5
)	
		ΔK		C	Panel sheet (Dutch) ΓΔΡ-405.5
	PSHEZ4708FCZZ	AΚ		С	Panel sheet (Dutch) [AR-405,5
		AK AK AE		C C	Panel sheet (Dutch) [AR-405,5 Panel sheet (Swedish) [AR-405,5 Panel sheet B (English) (Canada,Germany)[AR-280,285,3

39 Packing material & Accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DES	SCRIPTION
	PSHEZ4564FCZZ	ΑE		С	Panel sheet B (French)	(Canada only)[except AR-405,505]
	PSHEZ4562FCZZ	ΑE		С	Panel sheet B (English)	(Canada, Germany) [AR-250, 281, 286, 336]
	PSHEZ4563FCZZ	ΑE		С	Panel sheet B (German)	(Germany)[AR-250,281,286,336]
	PSHEZ4565FCZZ	ΑE		С	Panel sheet B (Spanish)	[AR-250,281,286,336]
41	PSHEZ4710FCZZ	ΑE		С	Panel sheet B (English)	(Canada, Germany) [AR-405]
	PSHEZ4711FCZZ	ΑE		С	Panel sheet B (German)	(Germany only)[AR-405]
	PSHEZ4712FCZZ	ΑE		C	Panel sheet B (French)	(Canada only)[AR-405]
	PSHEZ4713FCZZ	ΑE		С	Panel sheet (Spanish)	(Spanish area)[AR-405]
	PSHEZ4714FCZZ	ΑE		C	Panel sheet (Italian)	(Italian area)[AR-405]
42	TCADS0764FCZZ	ΑE		D	Warranty resist card	(U.Kingdom only)
42	TCADS0764FCZZ	ΑE		D	Warranty resist card	(U.Kingdom only)
	TCADZ1400FCZZ	ΑE		D	MSDS card	(USA,Canada,U.Kingdom)[AR-280,285,335]
43	TCADZ1442FCZZ	ΑE		D	MSDS card	(USA,Canada,U.Kingdom)[AR-280,281,286,336]
43	TCADZ1434FCZZ	ΑE		D	MSDS card	(USA,Canada,U.Kingdom)[AR-405]
	TCADZ0027YSZZ	ΑE	N	D	MSDS card	(USA,Canada,U.Kingdom)[AR-505]
44	SPAKA5886FCZ1	ΑE		D	Accessories spacer	
	SPAKA5210FCZZ	ΑF		D	Protect sheet	
	PPiPP0200FCZZ	AN		C	Pipe	
	SPAKA6065FCZZ	AD	N	D	Protector A	[AR-505]
	SPAKA6066FCZZ	AD	N	D	Protector B	[AR-505]
49	SPAKA4527FCZZ	AD		С	ADF protection sheet	[AR-505]
101	SSAKA3001CCZZ	AA		D	Vinyl bag for AC cord (140×360mm)	
102	SPAKA5994FCZZ	AF		D	Delivery protection packing cushion	<u> </u>

39 Packing material & Accessories



40 PCU PWB(except for AR-505)

NO. PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DES	SCRIPTION
VHi28F081-01F	BD		Е	PCU FLASH PWB (28F081-01F)	[AR-280,285,335][for SOCKET
1 V H i 2 8 F 0 8 1 - 1 3 F	BF		Е	PCU FLASH PWB (28F081-13F)	[AR-250,281,286,336][for SOCKET
VHi28F081-06F	BF		В	PCU FLASH PWB (28F081-06F)	[AR-405][for SOCKET
2 QCNCM0964FCZZ	AG		С	Connector (24Pin)	[CN
3 QCNCM0965FCZZ	AG		С	Connector (26Pin)	[CN2
4 QCNCM0966FCZZ	AG		С	Connector (30Pin)	[CN1
5 QCNCM0967FCZZ	AG		С	Connector (32Pin)	[CN5,9,
6 QCNCM0996FCZZ	AF		C	Connector (20Pin)	[CN
7 QCNCM7014SC0i	AB		C	Connector (9pin)	
8 QCNCM70145C1C	AC		C	Connector (13pin)	[C1
9 QCNCW0382FCZZ	AE				
			С	Connector (34pin)	[CI
10 QCNCW0885FCZZ	AG		С	Connector (1-171825-2)	[CN
11 QSŌCZ0071FCZZ	AP		С	Socket (MM20-72B1-1)	[AR-405][SOCK
12 RCRS-0010FCZZ	AK		В	Crystal (9.83MHz)	[AR-405][
13 RMPTW4103QCJJ	AB		В	Block resistor (10K Ω ×4 1/32W ±5%)	
			D		[BR1~12,14~30,34,37,
14 RMPTW4122QCJJ	AB		В	Block resistor (1.2K Ω ×4 1/32W ±5%)	[BR
15 RMPTW4222QCJJ	AΒ		В	Block resistor (2.2K Ω ×4 1/32W ±5%)	[BR
16 RMPTW4472QCJJ	AB		В	Block resistor (4.7KΩ×4 1/32W ±5%)	[BR31,32,
17 VCCCTV1HH220J	AA		C	Capacitor (50WV 22PF)	[C308,3
18 V C E A G U 1 A W 4 7 6 M	AA		C	Capacitor (10WV 47µF)	[C5,
19 V C E A G A 1 A W 4 7 7 M	AB		C	Capacitor (10WV 47µF)	[05,
20 V C E A G A 1 C W 4 7 7 M	AB		C	Capacitor (16WV 470μF)	<u></u>
21 V C E A G A 1 H W 2 2 4 M	AA		C	Capacitor (16WV 470μF) Capacitor (50WV 0.22μF)	
22 V C E A G U 1 H W 3 3 5 M	AA		С	Capacitor (50WV 3.3µF)	[0.10]
23 V C E A G A 1 V W 1 0 6 M	AA		С	Capacitor (35WV 10μF)	[C1,3,
24 V C E A G U 1 V W 4 7 6 M	AB		С	Capacitor (35WV 47μF)	[0
25 V C E A Z A 1 A W 2 2 6 M	AB		С	Capacitor (10WV 22μF)	[1
26 V C E A Z U 1 V W 4 7 7 M	AD		С	Capacitor (35WV 470μF)	[i
27 VCKYTV1HB101K	AA		С	Capacitor (50WV 100pF)	[C344,3
VOKYTYAUDAOOK			•	Capacitor (50WV 1000PF)	· ,
VCKYTV1HB102K	AA		С	,	[C214~233,235~238,240~243,245~248,255~2
V C K Y T V 1 H B 1 0 2 K	AA		С	Capacitor (50WV 1000PF)	[C276~279,281~284,286~289,2
V C K Y T V 1 H B 1 0 2 K	AA		С	Capacitor (50WV 1000PF)	[C300~303,312,313,323~326,329~336,343,3
VCKYTV1HB102K	AA		С	Capacitor (50WV 1000PF)	[C347,3
29 V C K Y T V 1 H B 2 2 2 K	AA		C	Capacitor (50WV 2200pF)	[C206,2
20 IV CK V T V 1 H B / 7 1 K			\sim		[C200.2
30 V C K Y T V 1 H B 4 7 1 K V C K Y T V 1 H F 2 2 3 Z	AA		C C	Capacitor (50WV 470pF) Capacitor (50WV 0.022μF)	[C200,2
V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV $0.022\mu\text{F}$) [C202~205,208~213 Capacitor (50WV $0.022\mu\text{F}$)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K	AA AA		C C	Capacitor (50WV $0.022\mu\text{F}$) [C202~205,208~213 Capacitor (50WV $0.022\mu\text{F}$) Capacitor (50WV $0.010\mu\text{F}$)	•
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z V C Q Y N U 1 H M 1 0 3 K V H D D A N 2 0 2 K / - 1	AA AA AB		C C C B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1	AA AA AB AB		C C B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z V C Q Y N U 1 H M 1 0 3 K V H D D A N 2 0 2 K / - 1	AA AA AB		C C C B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1	AA AA AB AB		C C B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1	AA AA AB AB AB		C C B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DSM1D1) Diode (MA704A)	[C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D202,206,207,207,207,207,207,207,207,207,207,207
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V	AA AA AB AB AB AC AB		C C B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DSM1D1) Diode (MA704A) Zener diode (HZS5B3)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1	AA AA AB AB AB AC AB AC		C C B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DSM1D1) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1020,201,207~211,213,214,2 [D203~206,2 [D202,2 [Z
31 V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1	AA AA AB AB AB AC AB AC AD		C C B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DSM1D1) Diode (MA704A) Zener diode (HZS5B3) Zener diode (RD22FB)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z0:
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1 40 V H I H D 6 4 1 3 0 0 3 T	AA AA AB AB AB AC AB AC AB BA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DSM1D1) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [ZD [Z] [IC
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 40 V H i H D 6 4 1 3 0 0 3 T 41 V H i H G 7 1 C 2 5 4 - 1	AA AA AB AB AB AC AB AC AB AC AB AC AD BA AZ		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (RZS5CLL) Zener diode (RD22FB) IC (HG3413003T) IC (HG71C254)	[C304~307,309,310,314~322,327,328,337~3 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [ZD: [IC]
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1 40 V H i H D 6 4 1 3 0 0 3 T 41 V H i H G 7 1 C 2 5 4 - 1 42 V H i H 2 5 6 - 2 0 - 8 A	AA AA AB AB AB AC AB AC AB AC AB AC AD AC AD AC AD AC AD AC		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (IDT71256SA20Y)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D202,2 [Zi [Zb2 [Zi [LC5,28,30,
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1 40 V H i H D 6 4 1 3 0 0 3 T 41 V H i H G 7 1 C 2 5 4 - 1 42 V H i H 2 5 6 - 2 0 - 8 A 43 V H i L M 3 2 4 N S / - S	AA AA AB AB AB AC AB AC AB AC AD BA AZ AY		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (LM324NS)	[C304~307,309,310,314~322,327,328,337~3 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D202,2 [D202,2 [Z] [Z] [Z] [Z] [C25,28,30, [IC25,28,30,
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAP202K/-1 35 VHDDSM1D1//-1 36 VHDMA704A//-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHG71C254-1 42 VHiHG71C254-1 42 VHiHG71C254-1 44 VHILM339NS/-S	AA AA AB AB AB AC AD BA AZ AY AC AD		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP101) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (IDT71256SA20Y) IC (LM324NS) IC (LM339NS)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [Z] [IC [IC [IC25,28.30, [IC25,28.30, [IC25, 28.30, [I
31 V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1 40 V H I H D 6 4 1 3 0 0 3 T 41 V H I H G 7 1 C 2 5 4 - 1 42 V H I L M 3 2 4 N S / - S 44 V H I L M 3 3 9 N S / - 1 45 V H I M 6 6 5 0 0 F P - 1	AA AA AB AB AB AC AB AC AB AC AD BA AZ AY AC		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (LM324NS)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [Z] [IC [IC [IC25,28.30, [IC25,28.30, [IC25, 28.30, [I
31 V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1 40 V H I H D 6 4 1 3 0 0 3 T 41 V H I H G 7 1 C 2 5 4 - 1 42 V H I L M 3 2 4 N S / - S 44 V H I L M 3 3 9 N S / - 1 45 V H I M 6 6 5 0 0 F P - 1	AA AA AB AB AB AC AD BA AZ AY AC AD		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213 Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP101) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (IDT71256SA20Y) IC (LM324NS) IC (LM339NS)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z] [Z] [C] [IC25,28,30, [IC24, [IC24, [IC25,28,30, [IC26,28,30, [I
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D MA 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1 40 V H I H D 6 4 1 3 0 0 3 T 41 V H I H G 7 1 C 2 5 4 - 1 42 V H I H G 7 1 C 2 5 4 - 1 43 V H I L M 3 2 4 N S / - S 44 V H I L M 3 3 9 N S / - 1 45 V H I M 6 6 5 0 0 F P - 1 46 V H I S L A 7 0 2 4 M T /	AA AA AB AB AB AC AB AC AB AC AD BA AZ AY AC		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DSM1D1) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (IDT71256SA20Y) IC (LM324NS) IC (LM339NS) IC (M66500FP)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z] [Z] [IC [IC25,28,30, [IC25, 28, 30,
31 V C K Y T V 1 H F 2 2 3 Z V C K Y T V 1 H F 2 2 3 Z 32 V C Q Y N U 1 H M 1 0 3 K 33 V H D D A N 2 0 2 K / - 1 34 V H D D A P 2 0 2 K / - 1 35 V H D D S M 1 D 1 / / - 1 36 V H D M A 7 0 4 A / / - 1 37 V H E H Z S 5 B 3 / / - V 38 V H E H Z S 5 C L L / - 1 39 V H E R D 2 2 F B / / - 1 40 V H i H D 6 4 1 3 0 0 3 T 41 V H i H G 7 1 C 2 5 4 - 1 42 V H i H 2 5 6 - 2 0 - 8 A 43 V H i L M 3 2 4 N S / - S 44 V H i L M 3 3 9 N S / - I 45 V H i M 6 6 5 0 0 F P - 1 46 V H i S L A 7 0 2 4 M T / 47 V H i S N 7 4 H C 1 3 8 S	AA AA AB AB AB AC AB AC AB AC AD BA AZ AY AC AD AT		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DSM1D1) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (IDT71256SA20Y) IC (LM324NS) IC (LM339NS) IC (M66500FP) IC (SLA7024MT) IC (SN74HC138S)	[C304~307,309,310,314~322,327,328,337~3 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [ZD] [IC25,28,30 [IC24 [IC24 [IC26]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN101//-1 36 VHDDAN101//-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 40 VHEHZS5CLL/-1 40 VHEHD6413003T 41 VHIHD6413003T 41 VHIHD6413003T 42 VHIHD656-20-8A 43 VHILM324NS/-S 44 VHILM339NS/-S 44 VHILM339NS/-S 45 VHISK374HC138S 48 VHISN74HC138S	AA AA AB AB AB AC AB AC AB AC AB AC AD BA AC AC AD BA AC AC AD AT AS AE		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HG71C254) IC (IDT71256SA20Y) IC (LM3324NS) IC (LM334NS) IC (M6500FP) IC (SN74HC138S) IC (SN74HC138S) IC (SN74HC151S)	[C304~307,309,310,314~322,327,328,337~3 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [ZD: [IC] [IC] [IC] [IC25,28,30, [IC24, [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAP202K/-1 35 VHDDSM1D1//-1 36 VHDMA704A//-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 40 VHEHZS5CLL/-1 40 VHEHZS5CLL/-1 40 VHEHZS5CLL/-1 42 VHIHD6413003T 41 VHIHD6413003T 42 VHILM339NS/-S 44 VHILM339NS/-S 44 VHILM339NS/-S 45 VHIM66500FP-1 46 VHISLA7024MT/ 47 VHISN74HC138S 48 VHISN74HC151S	AA AA AB AB AB AC AB AC AB AC AB AC AD AT AT AS AE AG AP		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (IDT71256SA20Y) IC (LM324NS) IC (LM339NS) IC (M66500FP) IC (SLA7024MT) IC (SN74HC151S) IC (STA401A)	[C304~307,309,310,314~322,327,328,337~3 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [ZD: [IC] [IC] [IC25,28,30, [IC24, [IC] [IC] [IC] [IC] [IC] [IC]
31 VCKYTV1HF223Z VCKYTV1HF223Z VCCYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDSM1D1//-1 36 VHDDMA704A/-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHG71C254-1 42 VHiHG71C254-1 42 VHiHG71C254-1 43 VHiLM339NS/-S 44 VHILM339NS/-S 44 VHILM339NS/-S 45 VHILM339NS/-1 46 VHISLA7024MT/ 47 VHISLA7024MT/ 47 VHISN74HC138S 48 VHISN74HC131S	AA AA AB AB AB AC AD BA AZ AY AC AD AT AS AE AG AP		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG710254) IC (IDT71256SA20Y) IC (LM324NS) IC (LM339NS) IC (M66500FP) IC (SLA7024MT) IC (SN74HC138S) IC (SN74HC151S) IC (STA401A) IC (TA7291S)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [IC] [IC] [IC25,28,30, [IC24, [IC]
31 VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDSM1D1//-1 36 VHDMA704A//-1 37 VHEHZS5B3/-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHD6413003T 42 VHiHD6413003T 43 VHILM324NS/-S 44 VHILM329NS/-1 45 VHIM66500FP-1 46 VHISLA7024MT/ 47 VHISN74HC138S 48 VHISN74HC138S 48 VHISN74HC151S 50 VHITA7291S/-1 51 VHITA7291S/-1	AA AA AB AB AB AC AD BA AZ AY AC AD AT AS AE AG AP		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z [Z [C] [IC25,28,30, [IC24, [IC24, [IC25,28,30, [IC24, [IC25,28,30, [IC24, [IC25,28,30, [IC24, [IC25,28,30, [IC24, [IC25,28,30, [IC24, [IC25,28,30, [IC25,28,30, [IC24, [IC25,28,30, [I
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDSM1D1//-1 36 VHDMA704A//-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHG71C254-1 42 VHiH256-20-8A 43 VHILM339NS/-1 45 VHIM66500FP-1 46 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S 49 VHITA7291S/-1 50 VHITA7291S/-1 51 VHITD62504F-1	AA AA AB AB AB AC AD BA AZ AY AC AD AT AS AE AG AP AF		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [Z] [IC [IC25,28,30, [IC23, [IC24, [IC]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAP202K/-1 35 VHDDSM1D1//-1 36 VHDMA704A//-1 37 VHEHZS5B3//-1 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHG71C254-1 42 VHiH256-20-8A 43 VHILM324NS/-S 44 VHILM339NS/-1 45 VHIM66500FP-1 46 VHISLA7024MT/ 47 VHISN74HC151S 49 VHISTA401A/-1 50 VHITA62503AP1 51 VHITD62504F-1 53 VHITD62504F-1	AA AA AB AB AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AA AX		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [ZD: [IC [IC [IC25,28,30, [IC24, [IC]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN202K/-1 36 VHDDAN101//-1 37 VHEHZS5B3//-1 38 VHEHZS5CLL/-1 39 VHEHZS5CLL/-1 40 VHIHD6413003T 41 VHIHD6413003T 41 VHIHD6413003T 42 VHIHD656-20-8A 43 VHILM339NS/-1 44 VHILM339NS/-1 45 VHIM66500FP-1 46 VHISLA7024MT/ 47 VHISN74HC138S 48 VHISN74HC131S 49 VHISTA401A/-1 50 VHITA7291S/-1 51 VHITD62003AP1 52 VHITD62504F-1 53 VHITE7752//-1 54 VHITE7752//-1	AA AA AB AB AB AB AC AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AG AX AE		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	[C304~307,309,310,314~322,327,328,337~3 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [Z] [Z] [IC25,28,30, [IC24, [IC4, [IC4, [IC7, [IC7,7, [IC2,3,5,6,9,10,22,27,43, [IC38,40~ [IC38,40~ [IC3,22,27,43, [IC38,40~ [IC3,22,27,43, [IC38,40~ [IC3,22,27,43, [IC38,40~ [IC3,22,27,43, [IC38,40~ [IC3,22,27,43, [IC38,40~ [IC6]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDSM1D1//-1 36 VHDDMA704A/-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD671C254-1 42 VHiHD671C254-1 42 VHiHD671C254-1 45 VHiKM339NS/-S 44 VHILM339NS/-S 44 VHILM339NS/-S 45 VHISLA7024MT/ 47 VHISLA7024MT/ 47 VHISLA7024MT/ 48 VHISLA7024MT/ 49 VHISTA401A/-1 50 VHITA7291S/-1 51 VHITA7291S/-1 52 VHITD62503AP1 53 VHITA722NS-1 54 VHITA721NS-1	AA AA AB AB AB AC AD BA AZ AC AD AT AS AE AG AF AG AF AX		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF) [C202~205,208~213] Capacitor (50WV 0.022μF) Capacitor (50WV 0.010μF) Diode (DAN202K) Diode (DAP202K) Diode (DAP202K) Diode (MA704A) Zener diode (HZS5B3) Zener diode (HZS5CLL) Zener diode (RD22FB) IC (HD3413003T) IC (HG71C254) IC (IDT71256SA20Y) IC (LM324NS) IC (LM339NS) IC (LM339NS) IC (SA7024MT) IC (SN74HC138S) IC (STA401A) IC (TA7291S) IC (TD625004F) IC (TD62504F) IC (TC74V32NS) IC (T4V4CT04)	[C304-307,309,310,314-322,327,328,337-3 [C304-307,309,310,314-322,327,328,337-3 [D200,201,207-211,213,214,2 [D203-206,2 [D1 [D202,2 [Z] [Z] [IC] [IC] [IC25,28,30, [IC24, [IC]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN1D1//-1 36 VHDMA704A/-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHG71C254-1 42 VHiHD6413003T 41 VHiHG71C254-1 42 VHiHB339NS/-1 45 VHIKM339NS/-1 45 VHIKM339NS/-1 45 VHISN74HC138S 48 VHISN74HC13BS 49 VHISN74HC13BS 49 VHISTA401A/-1 50 VHITD62504F-1 51 VHITD62504F-1 52 VHITD62504F-1 53 VHITC752//-1 54 VHITC752//-1 55 VHIT4U3PR8//-1	AA AA AB AB AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AA AE AF AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [IC] [IC] [IC25,28,30, [IC25,28,30, [IC24, [IC]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDSM1D1//-1 36 VHDMA704A//-1 37 VHEHZS5B3/-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHD6413003T 42 VHiHD6413003T 44 VHILM324NS/-1 45 VHISN74HC138S 48 VHISN74HC138S 48 VHISN74HC151S VHISTA401A/-1 50 VHITA7291S/-1 51 VHITD62504F-1 52 VHITD62504F-1 53 VHITE7752//-1 54 VHITC752//-1 55 VHITA4U3PR8//-1 56 VHPGL3PR8//-1 57 VRD-HT2HY242J	AA AA AB AB AB AC AD BA AZ AY AC AD BA AZ AY AC AD AT AS AE AG AF AA AA AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [Z] [IC [IC [IC25,28,30, [IC23, [IC24, [IC] [IC
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDSM1D1//-1 36 VHDMA704A//-1 37 VHEHZS5B3/-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHD6413003T 42 VHiHD6413003T 44 VHILM324NS/-1 45 VHISN74HC138S 48 VHISN74HC138S 48 VHISN74HC151S VHISTA401A/-1 50 VHITA7291S/-1 51 VHITD62504F-1 52 VHITD62504F-1 53 VHITE7752//-1 54 VHITC752//-1 55 VHITA4U3PR8//-1 56 VHPGL3PR8//-1 57 VRD-HT2HY242J	AA AA AB AB AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AA AE AF AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z [Z] [IC25,28,30, [IC25,28,30, [IC23, [IC4] [IC4] [IC5] [IC5] [IC6] [IC7]
31 VCKYTV1HF223Z VCGYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN202K/-1 36 VHDDAN704A//-1 36 VHDMA704A//-1 37 VHEHZS5B3/-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHG71C254-1 42 VHiHB37HC25A-1 42 VHIHB39HC25A-1 45 VHIKB39HC3B-1 46 VHIKB39HC3B-1 57 VHIKBARARARARARARARARARARARARARARARARARARAR	AA AA AB AB AB AC AD BA AZ AY AC AD BA AZ AY AC AD AT AS AE AG AF AA AA AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z [Z [C2 [IC [IC25,28,30, [IC23, [IC24, [IC] [IC
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAP202K/-1 35 VHDDAP202K/-1 36 VHDMA704A//-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHB71C254-1 42 VHiHB324NS/-1 43 VHILM339NS/-1 45 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S VHITD62504F-1 50 VHITD62504F-1 51 VHITD62504F-1 52 VHITD62504F-1 53 VHITD62504F-1 54 VHITD62504F-1 55 VHITD62504F-1 56 VHITD62504F-1 57 VHOPHY471J 58 VRD-HT2HY471J 59 VRD-HT2HY471J	AA AA AB AB AB AC AD BA AZ AY AC AD BA AZ AY AC AD AT AS AE AG AP AF AG AF AAA AAA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [ZD: [IC25,28,30, [IC25,28,30, [IC24, [IC] [IC17, [IC23,5,6,9,10,22,27,43, [IC38,40~ [IC] [IC38,40~ [IC38,40~ [IC4,405][IC34, [IC4,6] [IC5,28,30, [IC24,6] [IC24,6] [IC25,28,30, [IC24,6] [IC25,28,30, [IC24,6] [IC25,28,30, [IC26,28,30, [IC27,28,30, [IC28,30,6] [IC28,30,6] [IC29,30,6] [IC29,30,6] [IC29,30,6] [IC20,30,6]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAP202K/-1 35 VHDDAP202K/-1 36 VHDDAP202K/-1 37 VHERD25B3/1 39 VHERD25B3/1 40 VHIHD6413003T 41 VHIHD6413003T 41 VHIHD6413003T 42 VHIHD6413003T 43 VHILM324NS/-S 44 VHILM339NS/-S 44 VHILM339NS/-S 45 VHISCA7024MT/ 47 VHISCA7024MT/ 47 VHISCA7024MT/ 47 VHISCA7024MT/ 47 VHISCA7024MT/ 47 VHISCA7024MT/ 47 VHITA7291S/-S 49 VHITA7291S/-S VHITA62003AP1 52 VHITA62003AP1 53 VHITA7291S/-S VHITA72PS/-S VHITA72PS/-S VHITA72PS/-S VHITA74VHCTO4-1 55 VHPGL3PR8//-I 57 VRD-HT2HY242J 58 VRD-HT2HY247J 59 VRD-RC2EY103J 60 VRD-RC2EY103J	AA AA AB AB AB AB AC AB AC AB AC AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AG AF AG AA AA AA AA		C	Capacitor (50WV 0.022μF)	[C304~307,309,310,314~322,327,328,337~3 [C304~307,309,310,314~322,327,328,337~3 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z] [Z] [Z] [IC25,28,30, [IC24, [IC4, [IC4, [IC7, [IC17,4] [IC2,3,5,6,9,10,22,27,43, [IC3,40,- [IC3,40,- [IC3,40,- [IC4,- [IC4,- [IC17,- [IC2,3,5,6,9,10,22,27,43,- [IC3,40,- [IC3,40,- [IC4,- [IC3,40,- [IC4,- [IC4,- [IC5,3,5,6,9,10,22,27,43,- [IC6,4,- [IC7,- [IC7,4,- [IC7,4,- [IC7,5,- [IC8,40,- [IC8,6,- [IC8,- [IC9,
31 VCKYTV1HF223Z 32 VCGYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN202K/-1 36 VHDDAN101//-1 36 VHDDAT01//-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHG71C254-1 42 VHiHG71C254-1 43 VHiLM339NS/-1 45 VHILM339NS/-1 45 VHIBG15A7024MT/ 47 VHISCA7024MT/ 47 VHICTA7291S/-1 50 VHITA7291S/-1 51 VHITA7291S/-1 53 VHITA7291S/-1 53 VHITA7291S/-1 54 VHITA7291S/-1 55 VHITA7291S/-1 56 VHITA7291S/-1 57 VRD-HT2HY4713J 58 VRD-HC2EY103J 60 VRD-RC2EY103J 60 VRD-RC2EY103J 61	AA AA AB AB AB AC AD BA AZ AY AC AD AT AS AE AF AAA AA AA AA AA AA AA A		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [Z [C2 [IC [IC [IC25,28,30, [IC25,28,30, [IC24, [IC [IC] [IC [IC17, [IC17,14,18- [IC17,14,18- [IC17,2,13,5,6,9,10,22,27,43, [IC28,40- [IC [IC [IC [IC]
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN1D1//-1 36 VHDDAT01//-1 37 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHD6413003T 42 VHiHD6413003T 44 VHiLM339NS/-1 45 VHILM339NS/-1 45 VHILM339NS/-1 45 VHISN74HC138S 48 VHISN74HC138S 49 VHISN74HC13BS 49 VHISTA401A/-1 50 VHITA7291S/-1 51 VHITD62504F-1 53 VHITD62504F-1 54 VHITD62504F-1 55 VHITD62504F-1 56 VHPGL3PR8//-1 57 VRD-HT2HY471J 59 VRD-HT2HY471J 59 VRD-HT2HY471J 50 VRD-RC2EY103J 60 VRD-RC2EY103J 61 VRNHT2HK1000F 62 VRS-RE3DA1R0J	AA AA AB AB AB AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AG AF AAA AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337-3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [Z [C25,28,30, [IC25,28,30, [IC25,28,30, [IC24, [IC] [IC] [IC] [IC] [IC] [IC] [IC] [IC]
31 VCKYTV1HF223Z VCGYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN101//-1 36 VHDDAN704A//-1 37 VHEHZS5B3/-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHD6413003T 42 VHiHD6413003T 42 VHiLM324NS/-S 43 VHILM329NS/-1 45 VHIKM66500FP-1 46 VHISLA7024MT/ 47 VHISN74HC138S 48 VHISN74HC138S 48 VHISN74HC138S 48 VHISN74HC151S 50 VHITA7291S/-1 51 VHITA7291S/-1 52 VHITA7291S/-1 53 VHITE7752//-1 54 VHITA7291S/-1 55 VHITA7291S/-1 56 VHITA7291S/-1 57 VHITA7291S/-1 58 VHITA7291S/-1 59 VHITA7291S/-1 50 VHITA7291S/-1 51 VHITA7291S/-1 52 VHITA7291S/-1 53 VHITE7752//-1 54 VHITA7291S/-1 55 VHITA7291S/-1 56 VHITA7291S/-1 57 VRD-HT2HY471J 59 VRD-RC2EY103J 60 VRD-RC2EY103J 60 VRD-RC2EY10J 61 VRNHT2HK1000F 62 VRS-RE3DA1R0J	AA AA AB AB AB AB AC AB AC AD BA AZ AY AC AD AT AS AE AG AF AA AA AA AA AA AA AA AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2] [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z [Z [C] [IC25,28,30, [IC23, [IC24,2] [IC25,28,30, [IC25,2
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN101/-1 36 VHDMA704A//-1 37 VHEHZS5B3//-V 38 VHEHZS5B//-1 40 VHIHD6413003T 41 VHIHD6413003T 41 VHIHD6413003T 42 VHIHD6413003T 43 VHILM339NS/-1 44 VHILM339NS/-1 45 VHIGS5BAANS/-S VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S 49 VHITA7291S/-1 50 VHITA7291S/-1 51 VHITD62504F-1 53 VHITA7291S/-1 54 VHITA7291S/-1 55 VHITA7291S/-1 56 VHGSSARAN-1 57 VRD-HT2HY242J 58 VRD-HT2HY242J 58 VRD-HT2HY242J 59 VRD-RC2EY103J 60 VRD-RC2EY103J 60 VRD-RC2EY103J 61 VRNHT2HK1000F 63 VRS-RE3DA1R0J 64 VRS-RE3DA1R0J 64 VRS-RE3DA1R0J 64 VRS-RE3LA470J	AA AA AB AB AB AB AC AD BA AZ AY AC AD BA AZ AY AC AD AT AS AE AG AP AF AG AF AAA AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z] [Z] [IC [IC25,28,30, [IC23, [IC24, [IC4, [IC7, [IC25,28,30, [IC3, [IC4, [IC5,28,30, [IC6, [IC6, [IC7, [IC8, [IC9, [IC9, [IC9, [IC9, [IC9, [IC1, [IC1, [IC1, [IC1, [IC1, [IC28,40- [IC28,40- [IC28,40- [IC28,40- [IC88,40- [IC88,40- [IC88,40- [IC88,40- [IC9, [IC9,40- [IC9,4
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN202K/-1 36 VHDMA704A//-1 37 VHEHZS5B3//-V 38 VHEHZS5DLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD6413003T 41 VHiHB71C254-1 42 VHiHB339NS/-1 43 VHILM339NS/-1 45 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S VHITD62504F-1 50 VHITD62504F-1 51 VHITD62504F-1 53 VHITD62504F-1 54 VHITD62504F-1 55 VHITD62504F-1 56 VHPGL3PR8//-1 57 VHD-HT2HY242J 58 VRD-HT2HY242J 58 VRD-HT2HY247J 59 VRD-HT2HY247J 59 VRD-RC2EY103J 60 VRS-RE3DA1R0J 63 VRS-RE3LA470J 64 VRS-TS2AD00J 65 VRS-TS2AD00J 65	AA AA AB AB AB AB AC AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AG AF AAA AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [Z [Z [C] [IC [IC [IC25,28,30, [IC23, [IC24, [IC] [I
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN1D1//-1 36 VHDDAT01//-1 37 VHEHZS5B3//-V 38 VHEHZS5B3//-V 38 VHEHZS5CLL/-1 39 VHERD22FB//-1 40 VHiHD6413003T 41 VHiHD671C254-1 42 VHiHD671C254-1 42 VHiHD671C254-1 43 VHILM324NS/-S 44 VHILM339NS/-1 45 VHIB66500FP-1 46 VHISLA7024MT/ 47 VHISLA7024MT/ 47 VHISN74HC138S 48 VHISN74HC138S 48 VHISN74HC138S 49 VHISTA401A/-1 50 VHITA7291S/-1 51 VHITA7291S/-1 52 VHITA7291S/-1 53 VHITA7291S/-1 54 VHITA7291S/-1 55 VHITA7291S/-1 56 VHITA7291S/-1 57 VRD-HT2HY242J 58 VRD-HT2HY242J 59 VRD-RC2EY103J 60 VRD-RC2EY103J 61 VRNHT2HK1000F 62 VRS-RE3DA1R0J 65 VRS-TS2AD101J 66 VRS-TS2AD101J	AA AA AB AB AB AB AC AD BA AC AD BA AC AD AT AS AC AC AC AC AC AC AC AC AC		C	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337-3 [C2 [D200,201,207~211,213,214,2 [D203~206,2 [D1 [D202,2 [Z [C2 [C2 [C2 [C2 [C2 [C2 [C2
31 VCKYTV1HF223Z VCKYTV1HF223Z 32 VCQYNU1HM103K 33 VHDDAN202K/-1 34 VHDDAN202K/-1 35 VHDDAN202K/-1 36 VHDDAN101/-1 37 VHEHZS5B3//-1 38 VHEHZS5B//-1 40 VHIHD6413003T 41 VHIHD6413003T 41 VHIHD6413003T 42 VHIH256-20-8A 43 VHILM339NS/-1 44 VHILM339NS/-1 45 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S 49 VHISN74HC151S VHITD62504F-1 50 VHITD62504F-1 51 VHITD62504F-1 53 VHITD62504F-1 54 VHITD62504F-1 55 VHITD62504F-1 56 VHITD62504F-1 57 VHITD62504F-1 58 VHITD62504F-1 59 VHITD62504F-1 50 VHITA7291S/-1 51 VHITD62504F-1 53 VHITA7291S/-1 55 VHITA7291S/-1 56 VHPGL3PR8//-1 57 VRD-HT2HY242J 58 VRD-HT2HY242J 58 VRD-HT2HY247J 59 VRD-RC2EY103J 60 VRS-RE3DA1R0J 61 VRS-RE3DA1R0J 63 VRS-RE3LA470J 64 VRS-TS2AD000J	AA AA AB AB AB AB AC AB AC AD BA AZ AY AC AD AT AS AE AG AP AF AG AF AAA AA		C C B B B B B B B B B B B B B B B B B B	Capacitor (50WV 0.022μF)	3,234,239,244,249,253,254,275,280,285,290~296,2 [C304~307,309,310,314~322,327,328,337~3 [C2 [D200,201,207~211,213,214,2 [D202,2 [D1 [D202,2 [Z] [IC [IC [IC25,28,30, [IC23, [IC24, [IC]

40 PCU PWB(except for AR-505)

NO.	PARTS CODE	PRICE RANK	PART RANK	
68	VRS-TS2AD103J	AA	С	Resistor (1/10W 10KΩ ±5%)
		7.7	C	[R251~253,267,271,272,273,274,285,286,289,298]
	VRS-TS2AD104J	AA	С	Resistor (1/10W 100KΩ ±5%) [R266]
	VRS-TS2AD122J	AA	С	Resistor (1/10W 1.2KΩ ±5%) [R212~214,265,290]
	VRS-TS2AD133F	AA	С	Resistor (1/10W 13K Ω ±1%) [R240]
	VRS-TS2AD151J	AA	С	Resistor (1/10W 150 Ω ±5%) [R205]
73	VRS-TS2AD152F	AA	С	Resistor (1/10W 1.5K Ω ±1%) [R263,264,268]
	VRS-TS2AD152J	AA	С	Resistor (1/10W 1.5K Ω ±5%) [R202,203]
75	VRS-TS2AD153F	AA	С	Resistor (1/10W 15K Ω ±1%) [R269]
76	VRS-TS2AD162J	AA	С	Resistor (1/10W 1.6K Ω ±5%) [AR-405][R218]
77	VRS-TS2AD203J	AA	С	Resistor (1/10W 20K Ω ±5%) [R262,270]
78	VRS-TS2AD222J	AA	С	Resistor (1/10W 2.2K Ω ±5%) [R287]
79	VRS-TS2AD242J	AA	С	Resistor (1/10W 2.4K Ω ±5%) [R204.210]
80	VRS-TS2AD304J	AA	С	Resistor (1/10W 300KΩ ±5%) [R258,284]
81	VRS-TS2AD330J	AA	С	Resistor (1/10W 33 Ω ±5%) [R231]
82	VRS-TS2AD391J	AA	С	Resistor (1/10W 390 Ω ±5%) [R233
83	VRS-TS2AD392F	AA	Č	Resistor (1/10W 3.9K Ω ±1%) [R254
	VRS-TS2AD471J	AA	C	Resistor (1/10W 470Ω ±5%) [R248,292
	VRS-TS2AD472F	AA	Č	Resistor (1/10W 4.7K Ω ±1%) [R259,280,296
	VRS-TS2AD472J	AA	C	Resistor (1/10W 4.7K Ω ±5%) [R241,246,291,293,294]
	VRS-TS2AD473F	AA	Č	Resistor (1/10W 47K Ω ±1%) [R260,281]
				Resistor (1/10W 47K Ω ±5%)
88	VRS-TS2AD473J	AA	С	[R200,201,206~209,237~239,243,244,282,283,288]
89	VRS-TS2AD514J	AG	С	Resistor (1/10W 510K Ω ±5%) [R235]
	VRS-TS2AD562J	AA	C	Resistor (1/10W 5.6K Ω ±5%) [R275,276]
91	VRS-TS2AD621J	AA	C	Resistor (1/10W $620\Omega \pm 5\%$) [R250,261]
92	VRS-TS2AD681F	AA	Č	Resistor (1/10W $680\Omega \pm 1\%$) [R255]
	VRS-TS2AD681J	AA	Č	Resistor (1/10W $680\Omega \pm 5\%$) [R256,279
	VRS-TS2AD822J	AA	C	Resistor (1/10W 8.2K Ω ±5%) [R257,278
95	VRS-TS2AD911J	AA	Č	Resistor (1/10W 910 Ω ±5%) [R211,277
	VSDTA123YK/-1	AB	В	Transistor (DTA123YK) [Q200,201
	VSDTC114YK/-1	AC	В	Transistor (DTC114YK) [Q202
	V S 2 S B 1 1 3 2 - R - 1	AE	В	Transistor (2SB1132R) [AR-405][Q203,204
	VS2SC2412K/-1	AB	В	Transistor (2SC2412K) [Q205
	VS2SC945///-1	AD	В	Transistor (2SC945) [Q1,2]
100	(Unit)	710		114155501 (2005-0)
901	CPWBN1267FC53	СВ	Е	PCU PWB without FLASH PWB) [except AR-505]
		1	_	(0.000) 711 000

41 PCU PWB(for AR-505)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	VHi28F081-11F	BF	N	В	PCU FLASH PWB (28F081-06F) [for SOCKET1]
2	QCNCM0923FC16	AF		С	Connector (B16B-PHDSSB) [CN2]
3	QCNCM0923FC3D	AF		С	Connector (B34B-PHDSS) [CN4]
4	QCNCM1044FCZZ	ΑL	N	С	Connector (53314-4015) [CN1,3]
5	QCNCM1045FCZZ	AN	N	С	Connector (53314-6015) [CN5,6]
6	QCNCW0382FCZZ	ΑE		С	Connector (34pin) [CN7]
7	QCNCW0885FCZZ	AG		С	Connector (1-171825-2) [CN12]
	QSŌCZ0073FCZZ	ΑL		С	Socket (MM20-72B1-1) [SOCKET1]
9	RCRS-0010FCZZ	AK		В	Crystal (9.83MHz) [X1]
10	RMPTW4103QCJJ	AB		В	Block resistor (10KΩ×4 1/32W ±5%) [BR1~7,9~20,23,26~39,41~43]
11	RMPTW4122QCJJ	AB		В	Block resistor (1.2K $\Omega \times 4$ 1/32W $\pm 5\%$) [BR40]
12	RMPTW4222QCJJ	AB		В	Block resistor (2.2K $\Omega \times 4$ 1/32W $\pm 5\%$) [BR45]
13	RMPTW4472QCJJ	AB		В	Block resistor (4.7K Ω ×4 1/32W ±5%) [B24,25,44]
14	VCCCTV1HH220J	AA		С	Capacitor (50WV 22PF) [C320,328]
15	VCEAGU1AW476M	AA		С	Capacitor (10WV 47μF) [C15,24]
16	VCEAGA1AW477M	AB		С	Capacitor (10WV 470µF) [C3]
17	VCEAGA1CW477M	AB		С	Capacitor (16WV 470μF) [C1]
18	VCEAGU1HW105M	AA		С	Capacitor [C22]
19	VCEAGA1HW224M	AA		С	Capacitor (50WV 0.22µF) [C7,8]
20	VCEAGU1HW335M	AA		С	Capacitor (50WV 3.3μF) [C6]
21	VCEAGA1VW106M	AA		С	Capacitor (35WV 10μF) [C5,4,23]
22	VCEAGU1VW476M	AB		С	Capacitor (35WV 47μF) [C10]
23	VCEAZA1AW226M	AB		С	Capacitor (10WV 22μF) [C9]
24	VCEAZU1VW477M	AD		С	Capacitor (35WV 470μF) [C2,21]
25	VCKYTV1HB101K	AA		С	Capacitor (50WV 100pF) [C342,350]
	V C K Y T V 1 H B 1 0 2 K	AA		С	Capacitor (50WV 1000PF) [C200~207,211,230~293,237,242,247,251~253,263,272,281]
26	VCKYTV1HB102K	AA		С	Capacitor (50WV 1000PF) [C290~293,298,302,303,310,314,319,321]
	V C K Y T V 1 H B 1 0 2 K	AA		С	Capacitor (50WV 1000PF) [C324~330,332,333,336~341,343,344,349,352]
27	VCKYTV1HB222K	AA		С	Capacitor (50WV 2200pF) [C254,295]
	VCKYTV1HB471K	AA		C	Capacitor (50WV 470pF) [C244,296]
29	-	AA		С	Capacitor (50WV 0.022μF) [C212~229,234,236,243~246,248~250,255~262,264,271]

41 PCU PWB(for AR-505)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
00	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	[C273~280,282~289,297,299~301,306,308,30
29	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	[C311~315,317,318,322,323~33
	VCQYNU1HM103K	AA		С	Capacitor (50WV 0.010μF)	[C1
	VHDDAN202K/-1	AB		В	Diode (DAN202K)	[D203,206,208,210~21
	VHDDAP202K/-1 VHDDSM1D1//-1	AB AB		B B	Diode (DAP202K) Diode (DSM1D1)	[D203~206,21 [D1,
34	VHDMA704A//-1	AC		В	Diode (MA704A)	[D216,20
	VHEHZS5B3//-V	AB		В	Zener diode (HZS5B3)	[ZD
	VHEHZS5CLL/-1 VHERD22FB//-1	AC AD		B B	Zener diode (HZS5CLL) Zener diode (RD22FB)	[ZD4, ZD1~
	VHiHD6413003T	BA		В	IC (HD3413003T)	[IC3
	VH i HG 7 1 C 2 5 4 - 1	AZ		В	IC (HG71C254)	[IC3
	V H i H 2 5 6 - 2 0 - 8 A V H i L M 3 2 4 N S / - S	AY		B B	IC (IDT71256SA20Y) IC (LM324NS)	[IC26,28,30,3 [IC18,4
	VH i LM3 3 9 N S / - 1	AD		В	IC (LM339NS)	[IC10,4
	VHiM66500FP-1	ΑT		В	IC (M66500FP)	[IC3
	VH i S L A 7 0 2 4 M T / VH i S N 7 4 H C 1 3 8 S	AS AE		B B	IC (SLA7024MT)	[IC2
	VH i SN 7 4 H C 1 5 1 S	AG		В	IC (SN74HC138S) IC (SN74HC151S)	[IC1 [IC13~16,21~2
47	VH i STA 4 0 1 A / - 1	AP		В	IC (STA401A)	[IC2
	VH i STK 6 7 2 6 0 - 1	AZ	N	В	IC (STK67260-1)	[IC3
	VH i TA 7 2 9 1 S / - 1 VH i TD 6 2 0 0 3 A P 1	AF AG		B B	IC (TA7291S) IC (TD620003AP1)	[IC4,5,3 [IC1~3,6,7,9,11,17,43,4
	VHiTD62504F-1	AF		В	IC (TD62504F)	[IC1~3,6,7,9,11,17,40,4
	VHiTE7752//-1	AX		В	IC (TE7752)	[IC1
	V H i 7 4 A H C T 0 4 N S V H i 7 4 L V 3 2 N S - 1	AD AE	N	B B	IC (74AHCT04NS) IC (74LV32NS)	[IC40,4
	VHPGL3PR8//-1	AA		В	Phote transistor (GL3PR8)	[IC4
	V R D - H T 2 H Y 2 4 2 J	AA		С	Resistor (1/2W 2.4KΩ ±5%)	[R9,1
	VRD-HT2HY471J	AA		С	Resistor (1/2W 470 Ω ±5%)	[R1,
	VRD-RC2EY103J VRNHT2HK1000F	AA		C	Resistor (1/4W $10K\Omega \pm 5\%$) Resistor (1/2W $100\Omega \pm 1\%$)	[R3~5,11,1 [R8,1
	VRS-RE3DA1R0J	AB		C	Resistor (2W 1.0Ω ±5%)	[R6,1
	VRS-RE3LA470J	AC		С	Resistor (3.0W 47Ω ±5%)	[R1
	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	[R28
	VRS-TS2AD101F VRS-TS2AD101J	AB AA		C	Resistor (1/10W 100 Ω ±1%) Resistor (1/10W 100 Ω ±5%)	
	VRS-TS2AD102J	AA		C	Resistor (1/10W 1.0K Ω ±5%)	[R21
66	VRS-TS2AD103F	AA		С	Resistor (1/10W 10K Ω ±1%)	[R20
67	VRS-TS2AD103J	AA		С	Resistor (1/10W 10K Ω ±5%)	[R206,209,215,219,222~225,228,230~234,236,23
	VRS-TS2AD103J	AA		С	Resistor (1/10W 10KΩ ±5%)	[R244,259,261,269,270,275,276,279,285,29
	VRS-TS2AD104J	AA		С	Resistor (1/10W 100KΩ ±5%)	[R27
	VRS-TS2AD122J VRS-TS2AD133F	A A		C	Resistor (1/10W 1.2K Ω ±5%) Resistor (1/10W 13K Ω ±1%)	[R240~248,274,29
	VRS-TS2AD133F	AA		C	Resistor (1/10W 15K2 \pm 1%) Resistor (1/10W 150 Ω \pm 5%)	
72	VRS-TS2AD152F	AA		C	Resistor (1/10W 1.5KΩ ±1%)	[R258,260,27
	VRS-TS2AD152J	AA		С	Resistor (1/10W 1.5K Ω ±5%)	[R202,20
	VRS-TS2AD153F VRS-TS2AD203J	AA		C	Resistor (1/10W 15K Ω ±1%) Resistor (1/10W 20K Ω ±5%)	
	VRS-TS2AD2030	AA		C	Resistor (1/10W 2.2KΩ ±5%)	[R30
77	VRS-TS2AD242J	AA		С	Resistor (1/10W 2.4KΩ ±5%)	[R221,24
	VRS-TS2AD301F VRS-TS2AD304J	AA		C	Resistor (1/10W 300Ω ±1%)	[R28
	VRS-TS2AD304J	AA		C	Resistor (1/10W 300K Ω ±5%) Resistor (1/10W 33 Ω ±5%)	
82	VRS-TS2AD391J	AA		С	Resistor (1/10W 390Ω ±5%)	[R22
	VRS-TS2AD392F	AA		С	Resistor (1/10W 3.9K Ω ±1%)	[R26
	VRS-TS2AD471J VRS-TS2AD472F	A A		C	Resistor (1/10W $470\Omega \pm 5\%$) Resistor (1/10W $4.7K\Omega \pm 1\%$)	
	VRS-TS2AD4721	AA		C	Resistor (1/10W 4.7K Ω ±5%)	[R200,203,283 [R241,243,283,284,29
	VRS-TS2AD473F	AA		С	Resistor (1/10W 47KΩ ±1%)	[R242,28
88	VRS-TS2AD473J	AA		С	Resistor (1/10W 47K Ω ±5%)	[R200,201,203,204,216~218,237,238,245,292,293,30
89	VRS-TS2AD514J	AG		С	Resistor (1/10W 510KΩ ±5%)	[R200,201,203,204,210~216,237,236,243,292,293,00] [R22
90	VRS-TS2AD562J	AA		С	Resistor (1/10W 5.6KΩ ±5%)	[R286,28
	VRS-TS2AD621J	AA		C	Resistor (1/10W 620Ω ±5%)	[R257,22
	VRS-TS2AD681F VRS-TS2AD681J	AA		C	Resistor (1/10W $680\Omega \pm 1\%$) Resistor (1/10W $680\Omega \pm 5\%$)	[R26 [R241,29
	VRS-TS2AD822J	AA		C	Resistor (1/10W 8.2K Ω ±5%)	[R204,29
95	VRS-TS2AD911J	AA		С	Resistor (1/10W 910Ω ±5%)	[R251,28
	VSDTA123YK/-1	AB		В	Transistor (DTA123YK)	[Q200,20
-	VSDTC114YK/-1 VS2SC2412K/-1	AC AB		B B	Transistor (DTC114YK) Transistor (2SC2412K)	[Q20 [Q20
	VS2SC945///-1	AD		В	Transistor (2SC945)	[Q20 [Q1 ₂
	(Unit)				<u> </u>	
	CPWBN1415FC51		N	Е	PCU PWB (without FLASH PWB)	

42 ICU PWB(AR-280,285,335)

VO.	PARTS CODE	PRICE RANK		PART RANK		DESCRIPTION
	L X - N Z 0 0 3 2 F C Z Z	AA		C	Nut (P3035B)	
	PCOVW0829FCZZ	AC		С	Battery cover	
	PSPAZ1413FCZZ	AC		С	Spacer (PSM2-01)	
	QCNCM0972FCZZ	AH		С	Connector (26pin)	[CI
	QCNCM0974FCZZ	AK		С	Connector (RKH401TD019)	[CI
	QCNCM0990FCZZ	AE		С	Connector (10pin)	[C]
	QCNCM0991FCZZ	AG		С	Connector (30pin)	[CI
	QCNCM0998FCZZ	AF		С	Connector (22pin)	[CI
_	QCNCM1015FCZZ	AG		С	Connector (28pin)	
	QCNCW1020FCZZ	AF AP		С	Connector (22pin)	[CN
	QCNCW7036XC5J			С	Connector (50pin)	[CN11,
	Q S O C Z O O 7 O F C Z Z Q S O C Z O O 7 2 F C Z Z	AN		С	Push memory Socket (9364-51872)	[SOCKET 1
	QSOCZ6428ACZZ	AE		С	IC socket (917970-1)	[CN8 (for IC:
	RC-KZ1054CCN2	AB		C	IC socket (28P)	
	RCiLF0080FCZZ	AC		C	Capacitor (50WV 0.1μF) Coil (BLM21B601SP)	[C10,15,16,19,21,22,26,27,37,
	RCRS-0012FCZZ	AU		В	Crystal (DOC49S2 50MHz)	<u>[L1</u>
	RCRS-0028FCZZ	AQ		В	Crystal (DOC49S2 29MHz)	
	RCRS-0038FCZZ	AQ		В	Crystal (D0C49S2 29MHz)	
	RCRS-0040FCZZ	AS		С		
	RCRSP6676RCZZ	AG		C	Crystal (DSO751SB 78.070MHZ) Crystal (DT38 32.768KHZ)	
	RCRSQ6011SCZZ	AS		В		
	RCRSZ1062ACZZ	AS		В	Crystal (32MHz) Crystal (40MHZ)	
	RFiLZ0028FCZZ	AD		В	EMI filter (NFM40)(100PF)	ر <u>ا</u> -NF1~7,9~
	RFiLZ0028FCZZ	AD		В	EMI filter (NFM40)(100PF) EMI filter (NFM40220)(22PF)	[NF1~7,9~. NF29~
	RMPTM0034FCZZ	AC		В	Block resistor (MNR35)(10KΩ×8)	
	UBATL2033SCZZ	AK			1 /1 /	[BR1~
27				A	Battery (CR2032-H03)	[B
28	VCCCTV1HH300J	AA		С	Capacitor (50WV 30PF)	[C135,1
_	VCCCTV1HH6R0D	AA		С	Capacitor (50WV 6.0PF)	[C239,2
	VCEAPSOJC107M			С	Capacitor (6.3WV 100μF)	[0
31	VCEAPSOJC226M	AC		С	Capacitor (6.3WV 22μF)	[C7,
32		AC		С	Capacitor (50WV 1.0μF)	<u>[]</u>
	VCEAPS1HC335M	AC		С	Capacitor (50WV 3.3µF)	[C29,
	VCEAPZ0JW108M	AE		С	Capacitor (6.3WV 1000μF)]
35	VCEAPZOJW337M	AD		С	Capacitor (6.3WV 330μF)	[C8,28,
	VCEAPZOJW477M	AE		С	Capacitor (6.3WV 470μF)	[C39,
37	VCEAPZ1CW477M	AE		С	Capacitor (16WV 470μF)	[C
38	VCEAPZ1VW227M	AF		С	Capacitor (35WV 220μF)	[C4
39		AA		С	Capacitor (50WV 1000PF)	[C126,190,191,2
40	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF)	[C101,103,106,144,147,148,156,160,163,164,179,1
	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF)	[C193,194,214,238,242,243,2
	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C102,104,105,107~119,124,125,127~1
41	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	[C139~141,145,146,150~155,157~159,161,162,165~1
	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C172~178,181~189,192,195~2
	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C215~229,231~237,241,2
42	VHDDAN217//-1	AC		В	Diode (DAN217)	[D1
		AB		В	Diode (DAP202K)	[D1
	VHDDSS133HV-1	AA		В	Diode (DSS133HV)	[D1,2,3
45	VHDRB411D//-1	AD		В	Diode (RB411D)	[D103~1
	VHEHZS6A1//-1	AC		В	Zener diode (HZS6A1)	
	VH i AD 9 5 6 1 JR - 1	BG		В	IC (AD9561JR)	[IC
48		AZ		В	IC (AT28C64B-1)	[IC
	VH i DS 9 0 C 0 3 1 - 1	AW		В	IC (DS90C031)	1]
	VH i D 6 5 8 0 3 G L - 1	BF		В	IC (D65803GL)	[IC
51	VH i D 6 5 8 0 6 G L - 1	BK		В	IC (D65806GL)	01]
52	VH i D 6 5 8 0 8 GL - 1	BM		В	IC (D65808GL)	01]
53		BX		В	IC (D82113GN)	01]
54		BX		В	IC (D82114GN)	[IC
55		BE		В	IC (D82165GC)	[]
56		BK		В	IC (D9001MF-H)	OI]
		AN		В	IC (IS61C25612)	[IC1,2,3,17,
	VH i i S 6 1 C 5 1 2 1 5	AU		В	IC (IS61C51215)	[IC27,28,29,
	VH i L H 5 3 7 C 0 G - 1	BC		В	IC (LH537C0G)	01]
	VH i L M 3 3 9 N S / - 1	AD		В	IC (LM339NS)	[IC1
61	VH i L Z 9 A T 3 6 / - 1	BB		В	IC (LZ9AT36)	01]
62		BC		В	IC (MB86604L)	[IC37,
63	VH i MCF 5 2 0 2 P 2 5	BG		В	IC (MCF5202P25)	[IC
	VH i M 6 6 2 3 5 F P - 1	AT		В	IC (M66235FP)	[IC
	VH i N J U 6 3 5 6 E - 1	AK		В	IC (NJU6356E)	[IC
66		AL		В	IC (SN74ALS574)	[]
67	VHISN74ALS74N	AF		В	IC (SN74ALS74N)	[IC1
68	VHISN74AS74NS	AH		В	IC (SN74AS74NS)	[IC1
	VHITC74ACT32F	AF		В	IC (TC74ACT32F)	[IC
	VHITC74AC04FN	AD		В	IC (TC74AC04FN)	[IC103,1
71	VHITC74AC08FN	AE		В	IC (TC74AC08F)	[IC105,1
	VHiTC74AC32FN	AD		В	IC (TC74AC32FN)	[IC9,
73	VHiTD62503F/-	AG		В	IC (TD62503F)	[IC
	VHi1816-6//-1	ΑZ	1	В	IC (1816-6)	[IC24,
74						
75		AF AL		B B	IC (74AS00) IC (74AS157NS1)	[IC

42 ICU PWB(AR-280,285,335)

NO.	PARTS CODE	PRICE	NEW	PART		DESCRIPTION
			MARK	RANK	10 (7/10/50)	
	VH i 7 4 A S 1 5 8 / N S	AN		В	IC (74AS158)	[IC31]
	VH i 7 4 VH C T 0 8 F 1	AF		В	IC (74VHCT08F1)	[IC4]
	VH i 7 4 VHCT 2 4 0 F	AH		В	IC (74VHCT240F)	[IC102,106,108,109,114,118]
	VHi74VHCT244F	AH		В	IC (74VHCT244F)	[IC107,116,117]
	VHi74VHCT245F	AK		В	IC (74VHCT254F)	[IC112,113]
82	VHPGL3PR8//-1	AA		В	Phote transistor (GL3PR8)	[LD1]
	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	[R102~110,112~119,123,125,130,132]
83	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	[R146~167,182~196,198~201,205,235,236]
	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	[R241~246,251,253~255,257,258,266,267]
	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	[R276~295,374~385,387~396]
	VRS-TS2AD101J	AA		С	Resistor (1/10W 100Ω ±5%)	[R204]
85	VRS-TS2AD102J	AA		С	Resistor (1/10W 1.0KΩ ±5%)	[R228,239,402]
	VRS-TS2AD103J	AA		С	Resistor (1/10W 10K Ω ±5%)	[R131,139,141,142,145,168~172,207,213,214,216,219,230,233]
86	V.D.O. T.O.O.I.				Resistor (1/10W 10KΩ ±5%)	[,,,,,,, .
	VRS-TS2AD103J	AA		С		[R234,240,248,259~261,264,268~270,273,314,315,340,341,401]
87	VRS-TS2AD105J	AA		С	Resistor (1/10W 1MΩ ±5%)	[R120]
88	VRS-TS2AD122J	AA		С	Resistor (1/10W 1.2KΩ ±5%)	[R111,218]
	VRS-TS2AD151J	AA		C	Resistor (1/10W 150Ω ±5%)	[R224]
	VRS-TS2AD200J	AA		C	Resistor (1/10W 20Ω ±5%)	[R124]
91	VRS-TS2AD221J	AA		C	Resistor (1/10W 220Ω ±5%)	[R121]
92	VRS-TS2AD222J	AA		C	Resistor (1/10W 2.2KΩ ±5%)	[R206,217]
	VRS-TS2AD223J	AA		C	Resistor (1/10W 22KΩ ±5%)	[R215,397~400]
	VRS-TS2AD224J	AA		C	Resistor (1/10W 220KΩ ±5%)	[R221]
	VRS-TS2AD301J	AA		C	Resistor (1/10W 300Ω ±5%)	[R208,227]
	VRS-TS2AD363J	AA		C	Resistor (1/10W 36KΩ ±5%)	[R225]
	VRS-TS2AD391J	AA		C	Resistor (1/10W 390Ω ±5%)	[R247]
	VRS-TS2AD393J	AA		C	Resistor (1/10W 39KΩ ±5%)	[R220]
	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R263,272]
					Resistor (1/10W 5.6K Ω ±5%)	[1.1200,21.2]
100	VRS-TS2AD562J	AA		С	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	[R126,127,129,140,143,144,197,238,274,275,372,373,386]
101	VRS-TS2AD683J	AA		С	Resistor (1/10W 68KΩ ±5%)	[R223]
102	VRS-TS2AD820J	AA		С	Resistor (1/10W 82Ω 5%)	[R173~181]
	VRS-TS2AD911J	AA		C	Resistor (1/10W 910Ω ±5%)	[R222]
	VRS-TS2AD913J	AA		C	Resistor (1/10W 91KΩ ±5%)	[R226]
	VRS-TW2ED221J	AA		C	Resistor (1/4W 220Ω ±5%)	[R302~307,316~321,328~333]
105	VRS-TW2ED221J	AA		C	Resistor (1/4W 220Ω ±5%)	[R342~347,354~359,366~371]
40-	VRS-TW2ED331J	AA		C	Resistor (1/4W 330Ω ±5%)	[R296~301,308~313,322~327]
106	VRS-TW2ED331J	AA		C	Resistor (1/4W 330Ω ±5%)	[R334~339,348~353,360~365]
107	VRSTS2AD4020F	AA		C	Resistor (1/10W 402Ω ±1%)	[R128]
	VSDTA114YK/-1	AC		В	Transistor (DTA114YK)	[Q101]
	VSDTC114EK/-1	AB		В	Transistor (DTC114EK)	[Q106]
	VSDTC114YK/-1	AC		В	Transistor (DTC114YK)	[Q102,103,105,107]
	VSDTC124XK/-1	AB		В	Transistor (DTC124XK)	[Q104]
	VH i 28F 082 - 01F	BN		E	ICU FLASH PWB	[SOCKET1]
	(Unit)					[000.12.1]
	CPWBN1326FC52	DD		Е	ICU PWB	[AR-280,285]
901	CPWBN1325FC54	DG		E	ICU PWB	[AR-335]
				_		[n

43 ICU PWB(AR-250,281,286,336,405)

י כד	<u>o</u> 100 1 Wb(A11-250,2501,250,550)									
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION					
1	GLEGG0063FCZZ	ΑE		С	Rubber foot	(AR-505, Australia, Europe, Russia, Taiwan, South Africa)				
2	L X - N Z 0 0 3 2 F C Z Z	AA		С	Nut (P3035B)					
3	PCŌVW0829FCZZ	AC		С	Battery cover					
4	PSHEP0293GCZZ	AB		С	PS front sheet	(except AR-250)				
	PSPAZ1413FCZZ	AC		С	Spacer (PSM2-01)					
6	QCNCM0972FCZZ	AH		С	Connector (26pin)	[CN2]				
7	QCNCM0974FCZZ	AK		С	Connector (RKH401TD019)	[CN6]				
	QCNCM0990FCZZ	ΑE		С	Connector (10pin)	[CN5]				
9	QCNCM0991FCZZ	AG		С	Connector (30pin)	[CN3]				
10	QCNCM0998FCZZ	AF		С	Connector (22pin)	[CN1]				
11	QCNCM1015FCZZ	AG		С	Connector (28pin)	[CN7]				
12	QCNCW1020FCZZ	AF		С	Connector (22pin)	[CN10]				
	QCNCW7036XC5J	AP		С	Connector (50pin)	[CN11,12]				
14	QSŌCZ0070FCZZ	AN		С	Push memory socket (93764-51872)	[SOCKET1,2]				
15	QSŌCZ0072FCZZ	ΑL		С	SIMM socket (917970-1)	(except AR-250)[CN8]				
15	QSŌCZ0072FCZZ	AL		С	SIMM socket (917970-1)	(AR-250)[CN8,9]				
16	QSŌCZ6428ACZZ	ΑE		С	IC socket (28P)	[for IC22]				
17	RC-KZ1054CCN2	AB		С	Capacitor (50WV 0.1μF)	[C13,15,19,21,22,26,27,34,36]				
18	RCiLF0080FCZZ	AC		С	Coil (BLM21B601SP)	[L101]				
19	RCRS-0049FCZZ	AP		В	Crystal (29MHz)	[AR-250,281,286,336][X4]				
19	RCRS-0050FCZZ	AP		В	Crystal (8002JC 34.2MHz)	[AR-405][X4]				
20	RCRS-0051FCZZ	AP		В	Crystal (32MHz)	[AR-250,281,286,336][X1]				
20	RCRS-0052FCZZ	AP		В	Crystal (8002JC 37.9MHz)	[AR-405][X1]				
21	RCRS-0053FCZZ	AP		В	Crystal (39.167MHz)	[AR-250,281,286,336][X2]				

43 ICU PWB(AR-250,281,286,336,405)

۱0.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
21	RCRS-0054FCZZ	AP		В	Crystal (8002JC 47.231MHz) [AR-405]	
	RCRS-0055FCZZ	AP		В	Crystal (8002JC 40MHz)	()
	RCRS-0056FCZZ	AP		В		
					Crystal (8002JC 50MHZ)	[>
	RCRSP6676RCZZ	AG		В	Crystal (DT38 32.768KHZ)	[>
25	RFiLN6012RCZZ	AB		В	EMI filter	[NF76~8
26	RFiLN6013RCZZ	AB		В	EMI filter	NF65~75,82~8
					EMI filter (EXCCET101U)(AR-405, Australia, Europe, Russia, Taiwan, South Africa)	
	RFiLZ1029LCZZ	ΑE		В	Elvi inter (EXCOLT 1010)(/11/ 400,/tustralia,Europe,/tustsia,Taiwari,Outri /tinda)	
27					ENTITIE (NETATO) (A D 050 004 000 000	[NF1~7,9~2
	RFiLZ0028FCZZ	AD		В	EMI filter (NFM40)(AR-250,281,286,336 and AR-405,Other countries)	
		7.5				[NF1~7,9~2
	DE: 1 74 0001 077	۸.		_	EMI filter (EXCCET220U)(AR-405, Australia, Europe, Russia, Taiwan, South Africa))
	RFiLZ1032LCZZ	ΑE		В		[NF29~6
28					EMI filter (NEM40220)/AD 250 201 206 226 and AD 405 Other countries)	[141 25**
	RFiLZ0032FCZZ	AD		В	EMI filter (NFM40220)(AR-250,281,286,336 and AR-405,Other countries)	D. 1500
						[NF29~6
20	RMPTM0034FCZZ	AC		В	Block resistor (10K Ω ×8) (except A	AR-250)[BR1~1
29	RMPTM0034FCZZ	AC		В	Block resistor (10K $\Omega \times 8$) (A	AR-250)[BR1~2
30	UBATL2033SCZZ	AK		Α	Battery (CR2032-H03)	[B
	VCCCTV1HH300J	AA		C		
					Capacitor (50WV 30PF)	[C141,14
32	VCCCTV1HH6R0D	AA		С	Capacitor (50WV 6.0PF)	[C235,23
33	VCEAJU0JW107M	AB		С	Capacitor (6.3WV 100µF)	[(
	V C E A J U 0 J W 2 2 6 M	AB		C	Capacitor (6.3WV 22μF)	[C7,
_						
	VCEAJU0JW337M	AC		С	Capacitor (6.3WV 330μF)	[C8,28,30,39,
36	VCEAJU1HW105M	AB	<u></u>	С	Capacitor (50WV 1.0μF)	[C:
37	VCEAJU1HW335M	AB		С	Capacitor (50WV 3.3µF)	[C29,
	V C E A 2 U 0 J W 1 0 8 M	AD		C	Capacitor (6.3WV 1.000µF)	
						[0
	V C E A 2 U 1 C W 4 7 7 M	AD		С	Capacitor (16WV 470μF)	[C
40	V C E A 2 U 1 V W 2 2 7 M	AD		С	Capacitor (35WV 220μF)	[C4
	VCKYTV1HB102K	AA		Č		133,187,195,2
	VCKYTV1HB102K	AA		C		
42					Capacitor (50WV 0.010µF)	[C1
	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF) [C101,103,106,116,119,124,152,	
43	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10µF) [C171,180,189,200,201,2	223.234.238.2
	VCKYTV1HF104Z	AA		C		y)[C242,245,2
	VORTIVIIII 1042	7.7.		-		y)[OZ4Z,Z43,Z
	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF)	
				_	[C102,104,105,107~115,117,118,120,121,123,12	25~132,134~1
	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF) [C144~151,156~164,166,167,7	169,170,172,1
44	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF) [C176~179,181~186,188,190~	194 196 197 1
	V C K Y T V 1 H F 2 2 3 Z	AA				
				С	Capacitor (50WV 0.022μF) [C202~212,214~222,224~2	
	V C K Y T V 1 H F 2 2 3 Z	AA		С	Capacitor (50WV 0.022μF) (AR-250 only)[C243,2	44,246,248~2
45	VHDDAN217//-1	AC		В	Diode (DAN217)	[D1
	VHDDAP202K/-1	AB		В	Diode (DAP202K)	[D1
	V H D D S S 1 3 3 H V - 1	AA		В	Diode (DSS133HV)	[D1
48	VHDRB411D//-1	AD		В	Diode (RB411D) [D	103,104,105,1
49	VHEHZS5A1//-1	AC		В	Zener diode (HZS5A1)	[ZI
	VHEHZS6A1//-1	AC		В	Zener diode (HZS6A1)	izi
51		AZ		В	IC (AT28C74B-1)	[IC
	VHiDS90C401-1	AU		В	IC (DS90C401)	[10
53	VHiD65803GL-1	BF		В	IC (D65803GL)	[IC
	VHiD65806GL-1	BK		В	IC (D65806GL)	[IC
		BM				
55	II			В	IC (D65808GL)	[IC
	VHiD82165GC-1	BE		В	IC (D82165GC)	[IC
57	VHiD82355GN-1	BS		В	IC (D82355GN)	[IC
	VHiD82356GN-1	BS		В	IC (D82356GN)	[IC
	VH i i S 6 1 C 2 5 6 1 2	AN		В		:-250)[IC1,2,3,
59						
	VHiiS61C25612	AN		В		IC1,2,3,18,37,
	VHiiS61C51215	AU		В	IC (IS61C51215)	[IC27,28,29,
61	VHiLH537C0G-1	BC		В	IC (LH537C0G)	[IC
_	VHiLM339NS/-1	AD		В	IC (LM339NS)	[IC1
	VH i L Z 9 A T 3 6 / - 1	BB				
				В	IC (LZ9AT36)	[IC
	VH i PM - 2MC// - 1	BN		В		R-250 only)[IC
65	VH i MB 8 6 6 0 4 L - 1	BC		В	IC (MB86604L)	[IC33,
	VH i MCF 5 2 0 2 P 2 5	BG		В	IC (MCF5202P25)	[IC
	VH i M 6 6 2 3 5 F P - 1	AT		В	IC (M66235FP)	[]
	VH i N J U 6 3 5 6 E - 1	AK		В	IC (NJU6356E)	[IC
69	VH i SN 7 4 A L S 5 7 4	AL	<u></u>	В	IC (SN74ALS574)	[1
70	VHiSN74AS74NS	AH		В	IC (SN74AS74NS)	[IC101,1
	VHITC74ACT08F	AF		В	IC (TC74ACT08F)	[IC
72		AF		В	IC (TC74ACT32F)	[IC
73	VHiTC74AC04FN	AD		В	IC (TC74AC04FN)	[IC105,1
74	VHiTC74AC08FN	ΑE		В	IC (TC74AC08F)	[IC106,1
	VHiTD62503F/-	AG		В	IC (TD62503F)	[10
	VHiXLi2050X-1	BQ		В	IC (XLI2050X)	[IC
77	VHi1816-6//-1	ΑZ		В	IC (1816-6)	[IC24,
	VHi74AS04//NS	AG		В	IC (74AS04)	[IC1
	VH i 7 4 A S 1 5 7 N S 1	AL		В	IC (74AS157NS1)	[IC5,1
	VH i 7 4 VHCT 0 8 F 1	AF	<u></u>	В	IC (74VHCT08F1)	[10
		AH		В		107,109,110,1
80	IVH i 7 4 VHCT 2 4 0 F				1.0 1	
80 81	VH i 7 4 VHCT 2 4 0 F					
80 81 82	VH i 7 4 VHCT 2 4 4 F	AH		В	IC (74VHCT244F)	[IC108,117,1
80 81 82 83	V H i 7 4 V H C T 2 4 4 F V H i 7 4 V H C T 2 4 5 F	AH AK		B B	IC (74VHCT244F) IC (74VHCT254F)	[IC108,117,1 [IC113,1
80 81 82 83	VH i 7 4 VHCT 2 4 4 F	AH		В	IC (74VHCT244F)	[IC108,117,1

43 ICU PWB(AR-250,281,286,336,405)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	[R157,168,196,200,201,202,205,206,212,213
0F	VRS-TS2AD000J	AA		С	Resistor (1/10W 0Ω ±5%)	[R220~239,R322~341,343,344,349~351,353~355,358,359
85	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	(AR-250,281,386,336 only)[R197
	VRS-TS2AD000J	AA		С	Resistor (1/10W $0\Omega \pm 5\%$)	(AR-250 only)[R199,364,366,369~376
86	VRS-TS2AD101J	AA		С	Resistor (1/10W 100 Ω ±5%)	[R110,123,160
87	VRS-TS2AD102J	AA		С	Resistor (1/10W 1.0KΩ ±5%)	[R111,139,193
	VRS-TS2AD103J	AA		С	Resistor (1/10W 10KΩ ±5%)	[R120,137,142,143,145,146,161~165
00	VRS-TS2AD103J	AA		С	Resistor (1/10W 10KΩ ±5%)	[R171,176,177,179,182,191,194,195,207,208
88	VRS-TS2AD103J	AA		С	Resistor (1/10W 10KΩ ±5%)	[R209,214,215,216,241,242,243,245,246,247
	VRS-TS2AD103J	AA		С	Resistor (1/10W 10KΩ ±5%)	(AR-250 only)[R363,365
89	VRS-TS2AD105J	AA		С	Resistor (1/10W 1M Ω ±5%)	[R134
90	VRS-TS2AD122J	AA		С	Resistor (1/10W 1.2KΩ ±5%)	[R127,183
91	VRS-TS2AD151J	AA		С	Resistor (1/10W 150Ω ±5%)	[R189
92	VRS-TS2AD200J	AA		С	Resistor (1/10W 20Ω ±5%)	[R119
93	VRS-TS2AD221J	AA		С	Resistor (1/10W 220Ω ±5%)	[R13
94	VRS-TS2AD222J	AA		C	Resistor (1/10W 2.2KΩ ±5%)	[R169,178
	VRS-TS2AD223J	AA		Č	Resistor (1/10W 22KΩ ±5%)	[R181,345,346,347,34
	VRS-TS2AD224J	AA		Č	Resistor (1/10W 220K Ω ±5%)	[R18-
	VRS-TS2AD301J	AA		Č	Resistor (1/10W 300 Ω ±5%)	[R170,19
	VRS-TS2AD363J	AA		C	Resistor (1/10W 36K Ω ±5%)	[R18
	VRS-TS2AD331J	AA		C	Resistor (1/10W 330 Ω ±5%)	[R35]
	VRS-TS2AD391J	AA		C	Resistor (1/10W 390Ω ±5%)	[R20
	VRS-TS2AD393J	AA		C	Resistor (1/10W 39KΩ ±5%)	[R18
	VRS-TS2AD472J	AA		C	Resistor (1/10W $4.7K\Omega \pm 5\%$)	[R240,24-
	VRS-TS2AD562J	AA		С	Resistor (1/10W 5.6K Ω ±5%)	
103				_		[R128,129,133,144,147,148,156,192,218,219,320,321,342
	VRS-TS2AD562J	AA		С	Resistor (1/10W 5.6K Ω ±5%)	(AR-250 only)[R361,362,368
	VRS-TS2AD683J	AA		С	Resistor (1/10W 68K Ω ±5%)	[R18
	VRS-TS2AD820J	AA		С	Resistor (1/10W 82 Ω ±5%)	[R149~155,166,16
	VRS-TS2AD911J	AA		С	Resistor (1/10W 910Ω ±5%)	[R187,35
107	VRS-TS2AD913J	AA		С	Resistor (1/10W 91K Ω ±5%)	[R18
108	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R254~259,266~271,278~283
100	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R290~295,302~307,314~31
100	VRS-TW2ED331J	AA		С	Resistor (1/4W 330 Ω ±5%)	[R248~253,260~265,272~27]
109	VRS-TW2ED331J	AA		С	Resistor (1/4W 330Ω ±5%)	[R284~289,296~301,308~31;
110	VRSTS2AD2940F	AA		С	Resistor (1/10W 294Ω ±1%)	(AR-405)[R13
111	VRSTS2AD3570F	AA		С	Resistor (1/10W 357Ω ±1%)	(except AR-405)[R13]
440	VSDTA114YK/-1	AC		В	Transistor (DTA114YK)	[Q10 ⁻
112	VSDTC114EK/-1	AB		В	Transistor (DTC114EK)	[Q10
113	VSDTC114YK/-1	AC		В	Transistor (DTC114YK)	[Q102,103,105,10
114	VSDTC124XK/-1	AB		В	Transistor (DTC124XK)	[Q104
200	VHi28F082-03F	BN		Е	ICU FLASH PWB (28F082-03F)	[for IC1,2
	(Unit)				, , , , , , , , , , , , , , , , , , , ,	<u> </u>
	CPWBN1406FC51	DD		Е	ICU PWB (without FLASH PWB)	[AR-250
	CPWBN1404FC51	DB		Ē	ICU PWB (without FLASH PWB)	[AR-281,286
901	CPWBN1392FC53	DC		E	ICU PWB (without FLASH PWB)	[AR-33
551	CPWBN1393FC51	DC		E	ICU PWB (without FLASH PWB)	(Australia, Europe, Russia, Taiwan, South Africa) [AR-40]
	CPWBN1392FC52	DC		E		cept Australia, Europe, Russia, Taiwan, South Africa) [AR-405]
					(ex	toopt , tastialia, Europo, itassia, i alwaii, soutii / Aliica)[Alt-40.

44 ICU PWB(for AR-505)

77 1	100 FWB(I01 AK-303)										
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION						
	L X - N Z 0 0 3 2 F C Z Z	AA		С	Nut (P3035B)						
	PCŌVW0829FCZZ	AC		С	Battery cover						
	PSPAZ1413FCZZ	AC		С	Spacer (PSM2-01)						
	QCNCM0972FCZZ	AH		С	Connector (26pin)	[CN2]					
	QCNCM0974FCZZ	AK		С	Connector (RKH401TD019)	[CN6]					
	QCNCM0990FCZZ	ΑE		С	Connector (10pin)	[CN5]					
	QCNCM0991FCZZ	AG		С	Connector (30pin)	[CN3]					
	QCNCM0998FCZZ	AF		С	Connector (22pin)	[CN1]					
	QCNCM1015FCZZ	AG		С	Connector (28pin)	[CN7]					
	QCNCW1020FCZZ	AF		С	Connector (22pin)	[CN10]					
	QCNCW1046FCZZ	AK	N	С	Connector (DHB-RA50-R1)(SCSI)	[CN11,12]					
	QSŌCZ0073FCZZ	ΑL		С	Socket,for DIMM	[SOCKET1,2]					
	QSŌCZ6428ACZZ	ΑE		С	IC socket (28P)	(for IC22)					
	RC-KZ1054CCN2	AB		С	Capacitor (RPE132-906)(0.1μF)	[C19,21,22,26,27]					
	RCiLF0080FCZZ	AC		С	Coil (BLM21B601SP)	[L101]					
	RCRS-0055FCZZ	AP		В	Crystal (8002JC 40MHz)	[X1,6]					
	RCRS-0056FCZZ	AP		В	Crystal (8002JC 50MHZ)	[X5]					
	RCRS-0059FCZZ	AP	N	В	Crystal (38.2MHz)	[X4]					
	RCRS-0063FCZZ	AP	N	В	Crystal (54.913MHz)	[X2]					
	RCRSP6676RCZZ	AG		В	Crystal (DT38 32.768KHZ)	[X7]					
21	RFiLN6012RCZZ	AB		В	EMI filter (EXCEMT102BT)	[NF76~81]					
	RFiLN6013RCZZ	AB		В	EMI filter (EXCEMT222BT)	[NF65~75,83,84]					
	RFiLZ0028FCZZ	AD		В	EMI filter (NFM40)	[NF1~7,9~28,82]					
24	RFiLZ0032FCZZ	AD		В	EMI filter (NFM40220)	[NF29~63,74]					

44 ICU PWB(for AR-505)

NO.	CU PWB(for AR-50 PARTS CODE	PRICE	NEW	PART	DESCRIPTION		
_		RANK	MARK	RANK			
	RMPTC4220QCJJ	AC		В	Block resistor (22 Ω ×4) [BR20~39]		
	RMPTM0034FCZZ	AC		В	Block resistor (10K $\Omega \times 8$) [BR1~15]		
	UBATL2033SCZZ	AK		Α	Battery (CR2032-H03) [BT1]		
	VCCCTV1HH6R0D	AA		С	Capacitor (50WV 6.0pF) [C235,236]		
	VCEAJU0JW106M	AB		С	Capacitor (6.3WV 10μF) [C263]		
	VCEAJU0JW226M	AB		С	Cpapacitor (6.3WV 22μF) [C7]		
	VCEAJU0JW107M	AB		С	Capacitor (6.3WV 100μF) [C9]		
	VCEAJU0JW337M	AC		С	Capacitor (6.3WV 330μF) [C8,28,30,39,40]		
	VCEAJU1HW105M	AB		С	Capacitor (50WV 1.0μF) [C31]		
	VCEAJU1HW335M	AB		С	Capacitor (50WV 3.3µF) [C29,32]		
35	VCEA2U0JW108M	AD		С	Capacitor (6.3WV 1000μF) [C6]		
36	V C E A 2 U 1 C W 4 7 7 M	AD		С	Capacitor (16WV 470μF) [C33]		
37	V C E A 2 U 1 V W 2 2 7 M	AD		С	Capacitor (35WV 220μF) [C415]		
38	VCKYTV1HB102K	AA		С	Capacitor (50WV 1000pF) [C133,187,195,213]		
39	VCKYTV1HF103Z	AA		С	Capacitor (50WV 0.010µF) [C199,242,262]		
40	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF) [C101,103,106,119,124,129,131,152~154,168,171]		
40	VCKYTV1HF104Z	AA		С	Capacitor (50WV 0.10μF) [C180,189,200,201,223,224,238,239,241,245~256,261]		
	V C K V T V 1 U F 0 0 0 7	۸ ۸			Capacitor (50WV 0.022μF)		
	VCKYTV1HF223Z	AA		С	[C102,104,105,107,109,111,115,118,120,123,125~128,130,132,139]		
41	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF) [C140,144~146,148,151,156~164,167,169,170,172,173]		
	VCKYTV1HF223Z	AA		С	Capacitor (50WV 0.022μF) [C176~179,181,184~186,191~194,196~198,202~212]		
	VCKYTV1HF223Z	AA		C	Capacitor (50WV 0.022μF) [C214~220,222,224~231,233,237,240]		
42	VHDDAN217//-1	AC		В	Diode (DAN217) [D102]		
	VHDDAP202K/-1	AB		В	Diode (DAP202K) [D101]		
	VHDDSS133HV-1	AA		В	Diode (DSS133HV) [D1~5]		
	VHDRB411D//-1	AD		В	Diode (RB411D)		
	VHEHZS5A1//-1	AC		В	Zener diode (HZS5A1) [ZD2]		
	VHEHZS6A1//-1	AC		В	Zener diode (HZS6A1) [ZD1]		
	VH i DS 9 0 C 4 0 1 - 1	AU		В	IC (DS90C401) [IC7]		
	VHiD65806GL-1	BK		В	IC (D65806GL) [IC31]		
	VHiD65808GL-1	BM		В	IC (D65808GL) [IC20]		
	VH i D 6 5 9 4 8 G L - 1	BH		В	IC (D65948GL062) [IC19]		
	VH i D 8 2 3 5 5 G N - 1	BS		В	IC (D82355GN) [IC13]		
	VH i D 8 2 4 4 1 GD - 1	BG	N	В	IC (D82441GD001) [IC23]		
	VH i i S 6 1 C 2 5 6 1 2	AN	IN	В	IC (IS61C25612) [IC1~3,18]		
	VH i i S 6 1 C 5 1 2 1 5	AU		В	IC (IS61C23012) [IC27~30]		
	VH i K Z 4 E 0 3 8 E - 1	BF	N	В	IC (KZ4E038E11C) [IC15]		
	VH i LH 5 3 7 C 0 G - 1	BC	IN	В			
	VH i LM339NS/-1	AD		В			
					IC (LM339NS) [IC111]		
	VH i L Z 9 A T 3 6 / - 1	BB		В	IC (LZ9AT36) [IC32]		
	VH i MB 8 6 6 0 4 L - 1	BC		В	IC (MB86604L) [IC33,34]		
	VH i MCF 5 2 0 2 P 2 5	BG		В	IC (MCF5202P25) [IC21]		
	VH i N J U 6 3 5 6 E - 1	AK		В	IC (NJU6356E) [IC35]		
	VH i PM 2 0 6 0 i / - 1	BP	N	В	IC (RET) [IC16]		
	VH i SD 6 4 1 6 - 1 0 0	BG		В	IC (SDRAM) [IC120~125]		
	VH i SN 7 4 A L S 5 7 4	AL		В	IC (SN74ALS574) [IC6]		
	VHISN74AS74NS	AH		В	IC (SN74AS74NS) [IC101]		
67		AF		В	IC (TC74ACT08F) [IC119]		
	VHITC74ACT32F	AF		В	IC (TC74ACT32F) [IC11]		
	VHITC74AC04FN	AD		В	IC (TC74AC04FN) [IC105,112]		
	VHITC74AC08FN	ΑE		В	IC (TC74AC08F) [IC106,116]		
	VHiTD62503F/-	AG		В	IC (TD62503F) [IC9]		
	VH i 28C256E15P	BB		В	IC (AT28C256E15) [IC22]		
	VHi74AS04//NS	AG		В	IC (74AS04) [IC102]		
	VHi74VHCT08F1	AF		В	IC (74VHCT08F1) [IC1]		
	VH i 7 4 VHCT 2 4 0 F	AH		В	IC (74VHCT240F) [IC103,109,110,115]		
	VHi74VHCT244F	AH		В	IC (74VHCT244F) [IC117,118]		
	VH i 7 4 VHCT 2 4 5 F	AK		В	IC (74VHCT254F) [IC113,114]		
78	VHPMVR3864K-J	AC		В	LED (MVR3864K) [LD1]		
	VRS-TS2AD000J	Λ Λ		С	Resistor (1/10W $0\Omega \pm 5\%$)		
70		AA	<u></u>	U	[R102~110,118,122,141,157,168,196~198,200~202,205,206]		
79	VRS-TS2AD000J	AA		С	Resistor (1/10W 0Ω ±5%) [R212,213,243,343,344,350,351,361~363,367,377~383]		
	VRS-TS2AD000J	AA		С	Resistor (1/10W 0Ω ±5%) [R385,393,402,406,410,411,438,441,443,475]		
80	VRS-TS2AD101J	AA		С	Resistor (1/10W 100 Ω ±5%) [R160,472]		
81	VRS-TS2AD102J	AA		С	Resistor (1/10W 1.0K Ω ±5%) [R111,193]		
	VRS-TS2AD103J	AA		С	Resistor (1/10W 10K Ω ±5%)		
00	vno-iozaulusj	AA	1	C	[R137,143,145,146,171,176,177,179,182,191,194,195]		
82	VBC_TCQAD4004	۸ ۸		С	Resistor (1/10W 10K Ω ±5%)		
	VRS-TS2AD103J	AA	<u>L_</u>	U	[R207~209,214~217,241~247,366,371,388,389,476~480]		
83	VRS-TS2AD122J	AA		С	Resistor (1/10W 1.2KΩ ±5%) [R127,183,391]		
	VRS-TS2AD151J	AA		C	Resistor (1/10W 150 Ω ±5%) [R189]		
	VRS-TS2AD153F	AA		C	Resistor (1/10W 15K Ω ±1%) [R374]		
	VRS-TS2AD203F	AA		C	Resistor (1/10W 20 K Ω ±1%) [R368]		
	VRS-TS2AD220J	AA		C	Resistor (1/10W $22\Omega \pm 5\%$) [R150.412~418]		
	VRS-TS2AD222J	AA		C	Resistor (1/10W 2.2K Ω ±5%) [R169,178]		
	VRS-TS2AD223J	AA		C	Resistor (1/10W 22K Ω ±5%) [R181,345~348]		
	VRS-TS2AD224J	AA		C	Resistor (1/10W 220K Ω ±5%) [R184]		
	VRS-TS2AD301J	AA		C	Resistor (1/10W 300Ω ±5%) [R170,190]		
	VRS-TS2AD330J	AA		C	Resistor (1/10W 33 Ω ±5%) [R442,451]		
	VRS-TS2AD363J	AA	1	C	Resistor (1/10W 36K Ω ±5%) [R185]		
20	1 * 1.0 1 0 L A D 0 0 0 0	\cap	1		[K100]		

44 ICU PWB(for AR-505)

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
94	VRS-TS2AD391J	AA		С	Resistor (1/10W 390Ω ±5%)	[R203]
95	VRS-TS2AD392F	AΑ		С	Resistor (1/10W 3.9KΩ ±1%)	[R372]
96	VRS-TS2AD393J	AA		С	Resistor (1/10W 39KΩ ±5%)	[R180]
97	VRS-TS2AD472F	AA		С	Resistor (1/10W 4.7KΩ ±1%)	[R373]
98	VRS-TS2AD472J	AA		С	Resistor (1/10W 4.7KΩ ±5%)	[R240,244,358,359,439,440,444~447,449,462~470]
99	VRS-TS2AD562J	AA		С	Resistor (1/10W 5.6KΩ ±5%)	[R128,129,144,147,148,156,192,342]
100	VRS-TS2AD683J	AA		С	Resistor (1/10W 68KΩ ±5%)	[R188]
101	VRS-TS2AD750F	AA		С	Resistor(1/10W 75 Ω ±1%)	[R369]
102	VRS-TS2AD820J	AA		С	Resistor (1/10W 82Ω ±5%)	[R155,160,167]
	VRS-TS2AD911J	AA		С	Resistor (1/10W 910Ω ±5%)	[R187,384]
104	VRS-TS2AD913J	AA		С	Resistor (1/10W 91K Ω ±5%)	[R186]
105	VRS-TW2ED221J	AA		С	Resistor (1/4W 220Ω ±5%)	[R254~259,266~271,278~283,290~295,302~307,314~319]
106	VRS-TW2ED331J	AA		С	Resistor (1/4W 330Ω ±5%)	[R248~253,260~265,272~277,284~289,296~301,308~313]
107	VSDTA114YK/-1	AC		В	Transistor (DTA114YK)	[Q101,108]
108	VSDTC114EK/-1	AB		В	Transistor (DTC114EK)	[Q106]
109	VSDTC114YK/-1	AC		В	Transistor (DTC114YK)	[Q103,105,107,109]
110	VSDTC124XK/-1	AB		В	Transistor (DTC124XK)	[Q104]
200	VHi28F162A04F	BS	N		ICU FLASH PWB (28F162A04F)	•
	(Unit)					
901	CPWBN1414FC51	DD	N	Е	ICU PWB (without FLASH PWB)	

45 Operation control PWB(for AR-280,285,335)

45 (Operation control P	WB(t	or AR	1-280	,285,335)	
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		ESCRIPTION
	VHi28F161-05F	BL		В	Operation FLASH PWB (28F161-05F)	[for DIMM1]
	QCNCM0979FCZZ	AF		С	Connector (13Pin)	[CN2,3]
	QCNCM0980FCZZ	AF		С	Connector (10Pin)	[CN1]
	QCNCM0981FCZZ	AF		С	Connector (11Pin)	[CN5]
	QCNCM0982FCZZ	AF		С	Connector (12Pin)	[CN204]
	QCNCM0983FCZZ	AF		С	Connector (11Pin)	[CN4]
	QCNCM0984FCZZ	AD		С	Connector (3Pin)	[CN202]
	QCNCM0985FCZZ	ΑE		С	Connector (4Pin)	[CN203]
	QCNCW7191RC1B	AG		С	Connector (12Pin)	[CN201]
	QSŌCZ0071FCZZ	AP		С	Socket (MM20-72B1-1)	[DIMM1]
	RCRMC1003YCZZ	AG		В	Crystal (EF0S1085E5 10.752MHZ)	[X1]
	RCRS-0045FCZZ	AE		В	Crystal (EFOS9834E5 9.8304MHZ)	[X2]
	RFiLF0031FCZZ	AD		В	Ferrite bead (ACA3216M4-120-T)	[FB201,202]
	RMPTW4103QCJJ	AB		В	Block resistor (10K Ω ×4 1/32W ±5%)	[BR3,4,12,13,206~220]
	RMPTW4122QCJJ	AB		В	Block resistor (1.2K Ω ×4 1/32W ±5%)	[BR7,10,16]
	RMPTW4222QCJJ	AB		В	Block resistor (2.2K Ω ×4 1/32W ±5%)	[BR9,203]
	RMPTW4334QCJJ	AB		В	Block resistor (330K Ω ×4 1/32W ±5%)	[BR5,6,8,11,14,15]
	RMPTW4470QCJJ	AB		В	Block resistor (47 Ω ×4 1/32W ±5%)	[BR204,205]
	RMPTW4683QCJJ	AB		В	Block resistor (68K Ω ×4 1/32W ±5%)	[BR1,2,201,202]
	RVR-M141JQCZZ	AC		В	Variable resistor (EVM3YSX50B14)(10K9	
	VCCCCY1HH101J	AA		С	Capacitor (50WV 100PF)	[C208,209,210,211,218,219,220,221,226,227]
	VCEAPS1AC226M	AC		С	Capacitor (10WV 22μF)	[C16,29]
	VCEAPS1AC476M	AC		С	Capacitor (10WV 47μF)	[C13]
	VCEAPS1CC106M	AC		С	Capacitor (16WV 10μF)	[C2]
27	VCEAPS1HC225M	AD		С	Capacitor (50WV 2.2μF)	[C3]
	VCEAPS1VC106M	AC		С	Capacitor (35WV 10μF)	[C4,5]
	VCEAPZ1AW477M	ΑE		С	Capacitor (10WV 470μF)	[C19]
	VCEAPZ1CW477M	ΑE		С	Capacitor (16WV 470μF)	[C14]
	VCEAPZ1HW107M	AF		С	Capacitor (50WV 100μF)	[C7]
	VCEAPZ1VW107M	ΑE		С	Capacitor (35WV 100μF)	[C6]
33	VCEAPZ1VW476M	ΑE		С	Capacitor (35WV 47μF)	[C1]
	VCFYEC1HM103J	AD		С	Capacitor (50WV 0.010μF)	[C223]
	VCKYCY1CB473K	AB		С	Capacitor (16WV 0.047μF)	[C25]
36	VCKYCY1HB102K	AA		С	Capacitor (50WV 1000PF)	[C10,11,12]
37	VCKYCY1HB103K	AA		С	Capacitor (50WV 0.010μF)	[C232,233]
38	VCKYCY1HB222K	AA		С	Capacitor (50WV 2200PF)	[C217,222,225,235]
	VCKYCY1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[00 0 45 47 40 00 00 04 00 07 00 00 04 00]
39					O '((50)40 (. 0.000 5)	[C8,9,15,17,18,20~23,24,26,27,28,30,31,32]
	VCKYCY1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C201,202,203,204,205,206,207,212~216,224,228~231]
40	V H D D A N 2 0 2 K / - 1	AB		В	Diode (DAN202K)	[D3,4,6,14,15,18,19]
	VHDDAN202K/-1	AB		В	Diode (DAP202K)	[D1,2,13,16,17,205]
	VHDRLS73///-1	AA		В	Diode (RLS73)	[D12,201,202,203,204]
	VHEHZU5 . 1 B1 - 1	AC		В	Zener diode (HZU5.1B1)	[D12,201,202,203,204] [D5]
46	VH i HD 6 4 1 3 0 0 3 T	BA		В	IC (HD6413003T)	[IC14]
	VH i H 2 5 6 - 2 0 - 8 A	AY		В	IC (IS61C256AH-15J)	[IC3,5,16,17]
48	VH i LM317MDT-1	AK		В	IC (LM317MDT)	[IC3,5,16,17]
49	VH i LM3 3 9 NS / - 1	AD		В	IC (LM339NS)	[IC1]
50	VH i LM358PS/-S	AC		В	IC (LM358PS)	[IC10] [IC12]
53	VH i M 5 4 5 8 7 F P - 1	AK		В	IC (M54587FP)	
53	V H i N J M 7 8 L 0 5 U A	AE		В	,	[IC13]
55	VHINJM/8LU5UA VHISLA907FF2L	AT		В	IC (NJM78L05UA) IC (SC908SF2V1)	[IC201]
55	VIII OLA U / FF Z L	ΑI		Ď	10 (303083FZVI)	[IC6]

45 Operation control PWB(for AR-280,285,335)

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NO. PARTS CODE		NEW MARK	PART RANK	DESCRIPTIO	N .
56 VH i SN 7 4 H C T 2 4 4	AF		В	IC (SN74HCT244)	[IC8
59 VHi74F32SJ/-1	ΑE		В	IC (74F32SJ)	[IC4
61 VHi74LV08NS-1	ΑE		В	IC (74LV08NS)	[IC9
62 V H i 7 4 L V 3 2 N S - 1	ΑE		В	IC (74LV32NS)	[IC2
63 V H i 7 4 L V 0 4 N S - 1	ΑE		В	IC (74LV04NS)	[IC15,18
64 VH i 7 4 L V 1 4 N S - 1	AF		В	IC (74LV14NS)	[IC7
65 V H i 7 4 V H C T 0 4 - 1	AF		В	IC (74VHCT04)	[IC11
66 VHPLT1D67A/-1	AC		В	LED (LT1D67A)	[D9
68 VRS-TP2BD271J	AA		С	Resistor (1/8W 270Ω ±5%)	[R15
70 VRS-TS2AD103F	AA		С	Resistor (1/10W 10K Ω ±1%)	[R224,226
71 VRS-TS2AD103J	AA		С	Resistor (1/10W 10K Ω ±5%)	[R6,207,211,214,215,219,228~233
72 VRS-TS2AD105J	AA		С	Resistor (1/10W 1M Ω ±5%)	[R9
73 VRS-TS2AD122J	AA		С	Resistor (1/10W 1.2KΩ ±5%)	[R212
74 VRS-TS2AD123F	AA		С	Resistor (1/10W 12K Ω ±1%)	R235
75 VRS-TS2AD151J	AA		С	Resistor (1/10W 150Ω ±5%)	[R218
76 VRS-TS2AD154F	AA		С	Resistor (1/10W 150K Ω ±1%)	[R7
77 VRS-TS2AD183F	AA		C	Resistor (1/10W 18K Ω ±1%)	[R12,225
78 VRS-TS2AD183J	AA		C	Resister (1/10W 18KΩ ±5%)	[R220
79 VRS-TS2AD202J	AA		C	Resistor (1/10W 2K Ω ±5%)	[R223
80 VRS-TS2AD203J	AA		C	Resistor (1/10W 20K Ω ±5%)	[R4,17,19,21,2
81 VRS-TS2AD222J	AA		C	Resistor (1/10W 2.2K Ω ±5%)	[R21:
82 VRS-TS2AD272J	AA		C	Resistor (1/10W 2.7K Ω ±5%)	[R16,18,20
83 VRS-TS2AD301F	AA		C	Resistor (1/10W 300 Ω ±1%)	[R1:
84 VRS-TS2AD303J	AA		C	Resistor (1/10W 30KΩ ±5%)	[R22,203
85 VRS-TS2AD304F	AA		C	Resistor (1/10W 300K Ω ±1%)	[R:
86 VRS-TS2AD333J	AA		C	Resistor (1/10W 33KΩ ±5%)	[R22 ⁻
87 VRS-TS2AD334J	AA		C	Resistor (1/10W 330K Ω ±5%)	[R201,204,205
88 VRS-TS2AD363F	AA		C	Resistor (1/10W 36KΩ ±1%)	[R10]
89 VRS-TS2AD473J	AA		C	Resistor (1/10W 47K Ω ±5%)	[R3,5,202,208,209,210
90 VRS-TS2AD564F	AC		C	Resistor (1/10W $\frac{47132}{2000}$	[R
91 VRS-TS2AD622F	AA		C	Resistor (1/10W 500K22 \pm 1%)	[R1:
92 VRS-TS2AD6221	AA		C	Resistor (1/10W 62K Ω ±5%)	[R22]
93 VRS-TS2AD6230	AA		C	Resistor (1/10W 62K Ω ±5%)	[R22]
94 VRS-TS2AD0243	AA		C	Resistor (1/10W 620K2 \pm 3%) Resistor (1/10W 7.5K Ω \pm 1%)	[R22]
95 VRS-TS2AD7521	AA		C		
96 VRS-TS2AD7523	AA		C	Resistor (1/10W 7.5K Ω ±5%) Resistor (1/10W 75K Ω ±1%)	[R21 ⁻
					[Ri
97 VRS-TW2ED560J	AA		С	Resistor (1/4W $56\Omega \pm 5\%$)	[R20
98 VRS-TW2ED911J	AB AA		С	Resistor (1/4W 910Ω ±5%)	[R1
99 VRS-TX2HD470J			С	Resistor (1/2W $47\Omega \pm 5\%$ j	[R2
100 VSDTA114YK/-1	AC		В	Transistor (DTA114YK)	[Q1
101 VSDTC114YK/-1	AC		В	Transistor (DTC114YK)	[Q5,6,7,1:
102 VS i MB 9 A T 1 1 0 - 1	AC		В	Transistor (IMB9AT110)	[Q
103 V S i M H 9 A T 1 1 0 - 1	AC		В	Transistor (IMH9AT110)	[Q8
104 VSUPA502T//-1	AD		В	Transistor (UPA502T)	[Q1,2,3,4,204,205
105 V S 2 S B 1 1 9 7 / / - 1	AC		В	Transistor (2SB1197)	[Q10,11,12,20°
106 VS2SB1198K/-1	AC		В	Transistor (2SB1198K)	[Q202,203
107 V S 2 S D 1 7 8 2 K / - 1	AC		В	Transistor (2SD1782K)	[Q206
(Unit)					
901 CPWBN1258FC54	BZ		Е	Operation control PWB (without FLASH PWB)	[AR-280,285,335

46 Operation control PWB(except for AR-280,285,335)

10	oporation control i	•••	moop		(200)200)	
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRI	PTION
1	VHi28F161A04F	BN		В	Operation flash PWB (28F161A04F)	[AR-405][for DIMM1]
ļ	VHi28F161A07F	BL	N	Е	Operation flash PWB (28F161A07F)	[AR-505][for DIMM1]
	QCNCM0979FCZZ	AF		С	Connector (13Pin)	[CN101,104]
	QCNCM0980FCZZ	AF		С	Connector (10Pin)	[CN102]
	QCNCM0981FCZZ	AF		С	Connector (11Pin)	[CN103]
	QCNCM0982FCZZ	AF		С	Connector (12Pin)	[CN204]
	QCNCM0983FCZZ	AF		С	Connector (11Pin)	[CN106]
	QCNCM0984FCZZ	AD		С	Connector (3Pin)	[CN202]
	QCNCM0985FCZZ	ΑE		С	Connector (4Pin)	[CN203]
	QCNCW7191RC1B	AG		С	Connector (12Pin)	[CN201]
	QSŌCZ0071FCZZ	AP		С	Socket (MM20-72B1-1)	[DIMM1]
	RCRMC1003YCZZ	AG		В	Crystal (EF0S1085E5)	[X1]
	RCRS-0032FCZZ	AH		В	Crystal (SMD-49 9.8304MHz)	[X2]
14	RFiLF0031FCZZ	AD		В	Ferrite bead (ACA3216M4-120-T)	[FB201,202]
15	RMPTW4103QCJJ	AB		В	Block resistor (10KΩ×4 1/32W ±5%)	[BR207,213~223,228~238,247,249~252]
	RMPTW4122QCJJ	AB		В	Block resistor (1.2K Ω ×4 1/32W ±5%)	[BR226,227,248]
	RMPTW4222QCJJ	AB		В	Block resistor (2.2K Ω ×4 1/32W ±5%)	[BR224,225]
	RMPTW4334QCJJ	AB		В	Block resistor (330KΩ×4 1/32W ±5%)	[BR203,204,206,209,210,212]
	RMPTW4470QCJJ	AB		В	Block resistor (47Ω×4 1/32W ±5%)	[BR205,211]
	RMPTW4683QCJJ	AB		В	Block resistor (68KΩ×4 1/32W ±5%)	[BR201,202,208,240]
	RVR-M141JQCZZ	AC		В	Variable resistor (EVM3YSX50B14)(10KΩ)	[VR1]
22	VCCCCY1HH101J	AA		С	Capacitor (50WV 100PF)	[C222~229,243,244]

46 Operation control PWB(except for AR-280,285,335)

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
23	VCCCCY1HH220J	AA	1717 (1 (1 (C	Capacitor (50WV 22PF)	[C256,264 ⁻
	VCEAPS1AC226M	AC		Č	Capacitor (10WV 22μF)	[C8,19]
25	VCEAPS1AC476M	AC		С	Capacitor (10WV 47µF)	[C2,11
26	VCEAPS1CC106M	AC		С	Capacitor (16WV 10μF)	[C1
27	VCEAPS1HC225M	AD		С	Capacitor (50WV 2.2µF)	[C3
	VCEAPS1VC106M	AC		С	Capacitor (35WV 10μF)	[C4,6
	VCEAPZ1AW477M	ΑE		С	Capacitor (10WV 470μF)	[C10
	VCEAPZ1CW477M	ΑE		С	Capacitor (16WV 470μF)	[C9
	VCEAPZ1HW107M	AF		С	Capacitor (50WV 100μF)	[C7
	VCEAPZ1VW107M	AE		С	Capacitor (35WV 100μF)	[C12
	VCEAPZ1VW476M	AE		C	Capacitor (35WV 47μF)	[C5
	VCFYEC1HM103J	AD		С	Capacitor (50WV 0.010μF)	[C236
	VCKYCY1CB473K	AB		С	Capacitor (16WV 0.047μF)	[C273
	VCKYCY1HB102K	AA		С	Capacitor (50WV 1000PF)	[C237,238,240
	VCKYCY1HB103K	AA		С	Capacitor (50WV 0.010μF)	[C268,269
38	VCKYCY1HB222K	AA		С	Capacitor (50WV 2200PF)	[C242,245,253,271
00	VCKYCY1HF223Z	AA		С	Capacitor (50WV 0.022μF) [C201~2	221,230~235,246,248~250
39	VCKYCY1HF223Z	AA		С	Capacitor (50WV 0.022μF)	200 000 005 007 070 07
40	V H D D A N 2 0 2 K / - 1	AB		В		. <u>260,263,265~267,272,274</u> 5,209,211,214,215,224,226
_	VHDDAP202K/-1	AB		В		0208,210,212,213,223,225
	VHDRB160L40-1	AD		В	Diode (RB160L40)	[D207
	VHDRLS73///-1	AA		В	Diode (RLS73)	[D201~204,227
	VHEHZU5.1B1-1	AC		В	Zener diode (HZU5.1B1)	[D206
	VH i BA 0 3 3 F P / - 1	AH		В	IC (BA033FP)	[IC20
	VHiHD6413003T	ВА		В	IC (HD6413003T)	[IC1
47	V H i H 2 5 6 - 2 0 - 8 A	AY		В	IC (IS61C256AH-15J)	[IC16,1
48	VH i LM 3 1 7 MDT - 1	AK		В	IC (LM317MDT)	[IC20
49	VH i LM339NS/-1	AD		В	IC (LM339NS)	[IC1
50	VH i LM 3 5 8 PS / - S	AC		В	IC (LM358PS)	[IC20
51	VHiMSM82C55GS	AS		В	IC (MSM82C55A-2GS-2K)	[IC1
52	V H i M 5 2 5 6 D V P - 1	AQ		В	IC (M5M5256DVP-10VXL)	[IC203,20
	VH i M 5 4 5 8 7 F P - 1	AK		В	IC (M54587FP)	[IC1
	VHiNJM78L05UA	ΑE		В	IC (NJM78L05UA)	[IC20
	VH i SC 9 0 8 S F 2 V 1	AW		В	IC (SC908SF2V1)	[IC
	V H i S N 7 4 H C T 2 4 4	AF		В	IC (SN74HCT244)	[IC4,1
	VH i 7 4 F C T 2 4 4 C 1	AP		В	IC (74FCT244C1)	[IC:
	VH i 7 4 F C T 2 4 5 T 1	AR		В	IC (74FCT245C1)	[IC:
	VHi74F32SJ/-1	ΑE		В	IC (74F32SJ)	[IC
	VH i 7 4 L V C 0 4 N S 1	AH		В	IC (74LVC04NS1)	[IC:
	V H i 7 4 L V C 0 8 N S 1	AH		В	IC (74LVC08NS1)	[IC
	VHi74LVC32NS1	AH		В	IC (74LVC32NS1)	[IC
	VH i 7 4 L V 0 4 N S - 1	AE		В	IC (74LV04NS)	[IC:
	VH i 7 4 L V 1 4 N S - 1	AF		В	IC (74LV14NS)	[IC10
	VH i 7 4 VHCT 0 4 - 1 VHPLT 1 D 6 7 A / - 1	AF AC		В	IC (74VHCT04)	[IC12,1
		AA		В	LED (LT1D67A)	[D
68	VRS-TP2BD000J VRS-TP2BD271J	AA		C	Resistor (1/8W $0\Omega \pm 5\%$) Resistor (1/8W $270\Omega \pm 5\%$)	[D22
60	VRS-TS2AD000J	AA		C	Resistor (1/10W $\Omega \simeq \pm 5\%$)	[R22 [R286,289,29
	VRS-TS2AD103F	AA		C	Resistor (1/10W 0Ω \pm 1%)	[R239,24
	VRS-TS2AD103J	AA		С	Resistor (1/10W 10K Ω ±5%)	[11200,211
					[R212,218,227,228,229,232,238,243,245,247	
	VRS-TS2AD105J	AA		С	Resistor (1/10W 1M Ω ±5%)	[R22
	VRS-TS2AD122J VRS-TS2AD123F	AA	 	C	Resistor (1/10W 1.2KΩ ±5%) Resistor (1/10W 12KΩ ±1%)	[R246,26
	VRS-TS2AD123F	AA	H	C	Resistor (1/10W $12K\Omega \pm 1\%$) Resistor (1/10W $150\Omega \pm 5\%$)	[R28 [R23
	VRS-TS2AD1513	AA	H	C	Resistor (1/10W 150K Ω ±1%)	
_	VRS-TS2AD154F	AA	H	C	Resistor (1/10W 150K $\Omega \pm 1\%$) Resistor (1/10W 18K $\Omega \pm 1\%$)	[R20 [R207,24
	VRS-TS2AD1831	AA	 	C	Resister (1/10W 18K Ω ±5%)	[R207,24
	VRS-TS2AD1033	AA	 	C	Resistor (1/10W 16K2 \pm 5%)	[R28
	VRS-TS2AD2023	AA	 	C	Resistor (1/10W 20K Ω ±5%)	[R213,234,235,236,23
	VRS-TS2AD2033	AA		C	Resistor (1/10W 2.2KΩ ±5%)	[R233,26
	VRS-TS2AD272J	AA		C	Resistor (1/10W 2.7KΩ ±5%)	[R253,254,25
	VRS-TS2AD301F	AA		C	Resistor (1/10W 300 Ω ±1%)	[R20
	VRS-TS2AD303J	AA		C	Resistor (1/10W 30K Ω ±5%)	[R217,22
	VRS-TS2AD304F	AA		C	Resistor (1/10W 300K Ω ±1%)	[R20
	VRS-TS2AD333J	AA		C	Resistor (1/10W 33K Ω ±5%)	[R28
	VRS-TS2AD334J	AA		С	Resistor (1/10W 330K Ω ±5%)	[R216,219,22
	VRS-TS2AD363F	AA		Č	Resistor (1/10W 36K Ω ±1%)	[R20
	VRS-TS2AD473J	AA		C		R209,210,211,214,221,22
	VRS-TS2AD564F	AC		C	Resistor (1/10W 560K Ω ±1%)	[R20
	VRS-TS2AD622F	AA		C	Resistor (1/10W 6.2K Ω ±1%)	[R20
	VRS-TS2AD623J	AA		C	Resistor (1/10W 62K Ω ±5%)	[R28
	VRS-TS2AD624J	AA		Č	Resistor (1/10W 620K Ω ±5%)	[R24
	VRS-TS2AD752F	AA		Č	Resistor (1/10W 7.5K Ω ±1%)	[R24
	VRS-TS2AD752J	AA		С	Resistor (1/10W 7.5K Ω ±5%)	[R23
	VRS-TS2AD753F	AA		С	Resistor (1/10W 75K Ω ±1%)	[R20
97	VRS-TW2ED560J	AA		С	Resistor (1/4W 56Ω ±5%)	[R21
98	VRS-TW2ED911J	AB		С	Resistor (1/4W 910Ω ±5%)	[R22
		_				

46 Operation control PWB(except for AR-280,285,335)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
99	VRS-TX2HD470J	AA		С	Resistor (1/2W 47Ω ±5%)	[R1]
100	VSDTA114YK/-1	AC		В	Transistor (DTA114YK)	[Q210]
101	VSDTC114YK/-1	AC		В	Transistor (DTC114YK)	[Q211,218~220]
102	VS i MB 9 A T 1 1 0 - 1	AC		В	Transistor (IMB9AT110)	[Q214]
103	VS i MH 9 A T 1 1 0 - 1	AC		В	Transistor (IMH9AT110)	[Q213]
104	VSUPA502T//-1	AD		В	Transistor (UPA502T)	[Q204,206~209,212]
105	VS2SB1197//-1	AC		В	Transistor (2SB1197)	[Q203,215~217]
106	VS2SB1198K/-1	AC		В	Transistor (2SB1198K)	[Q201,205]
107	VS2SD1782K/-1	AC		В	Transistor (2SD1782K)	[Q202]
	(Unit)					
001	CPWBN1394FC51	BW		E	Operation control PWB (without FLASH PWB)	[for AR-250,281,286,336,405]
901	CPWBN1394FC52	BW	N	Е	Operation control PWB (without FLASH PWB)	[AR-505]
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47 Operation PWB R

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCM0976FCZZ	AD		С	Connector (4Pin)	[CNA]
2	QCNCM0977FCZZ	AF		С	Connector (9Pin)	[CNB]
3	QCNCM0997FCZZ	AD		С	Connector (2Pin)	[CNE]
4	QSW-P0465FCZZ	AC		В	Tact switch (SKHVPB)	[1~9K,#K,K,INTK,CLK,CAK]
5	QSW-P0469FCZZ	AD		В	Push switch (SKHWAC)	[OK,PSW]
6	RALMB1002LCZZ	ΑE		С	Alarm (PKM13EPY)	[BZ1]
7	RCRS-0007FCZZ	AD		В	Crystal (CSB480EB)	[X1]
8	VCEAJU1CW476M	AB		С	Capacitor (16WV 47μF)	[C1]
9	VCKYPU1HB101K	AA		С	Capacitor (50WV 100PF)	[C5,6]
10	VCKYPU1HF223Z	AA		С	Capacitor (50WV 0.022μF)	[C2~4]
11	VHH103AT-2/-1	AG		В	Thermistor (103AT-2)	[TH1]
12	VHiLR3717M/-1	AH		В	IC (LR3717M)	[IC1]
	VHPMPG3864K-J	AC		В	LED (MPG3864K)	[RPL,RPL1]
	VHPLT9400E/-1	AK		В	LED (LT9400E)	[INTL]
15	VRD-HT2EY101J	AA		С	Resistor (1/4W 100 Ω ±5%)	[R5]
16	VRD-HT2EY102J	AA		С	Resistor (1/4W 1.0K Ω ±5%)	[R4]
17	VRD-HT2EY121J	AA		С	Resistor (1/4W 120Ω ±5%)	[R10]
18	VRD-HT2EY391J	AA		С	Resistor (1/4W 390Ω ±5%)	[R9]
19	VSDTC114YS/-1	AB		В	Transistor (DTC114YS)	[Q1]
	(Unit)					
901	CPWBF1255FC61	BH		E	Operation PWB R	<u>-</u>
i						

48 Operation PWB L

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
1	QCNCM0977FCZZ	ΑF		С	Connector (9Pin)	[CNC]
2	QCNCM0978FCZZ	ΑF		С	Connector (10Pin)	[CND]
3	QSW-P0465FCZZ	AC		В	Tact switch (SKHVPB)	[PRK,COK]
6	V H P M P G 3 8 6 4 K - J	AC		В	LED (MPG3864K)	[FDATA,FCOM,PRT,PRT1,COPY,COPY1]
9	VRD-HT2EY331J	AA		С	Resistor (1/4W 330 Ω ±5%)	[R3,7]
10	VRD-HT2EY471J	AA		C	Resistor (1/4W 470Ω ±5%)	[R1,2]
	(Unit)					
901	CPWBF1259FC62		N	Е	Operation PWB L	

49 Inverter PWB

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCW0399FCZZ	AB		С	Connector (4pin)	CN2]
2	QCNCW0759FCZZ	AC		С	Connector (3pin)	CN1]
	RC-QZ0358FCZZ	AF		С	Capacitor (630WV 0.012μF)	[C1]
4	RCiLF0068FCZZ	AF		С	Coil	[L1]
5	RTRNZ0511FCZZ	AQ		В	Transformer	[T1]
6	VCKYQY3FF220J	AC		С	Capacitor (22PF)	[C2]
7	VRD-RC2EY103J	AA		С	Resistor (1/4W 10K Ω ±5%)	R1,2]
8	VS2SC3332-/-1	ΑE		В	Transistor (2SC3332)	Q1,2]
	(Unit)					
901	CPWBF1107FC52	AX		Е	Inverter PWB	

50 AC PWB

<u> </u>	,	AC F VVD					
	NO.	PARTS CODE		NEW MARK	PART RANK	DESCRIPTION	
		DHAi-2853FCZZ	AD		С	AC earth wire	[F-GND]
		PRDAF0071FCZZ	AK		С	Heat sink	[for TD201,202]
		QCNCM0672FCZZ	AB		С	Connector (2pin)	[CN201]
		QCNCM0895FCZZ	AG		С	Connector (3pin)	[CN202]
L		QCNCM0989FCZZ	AG		С	Connector (3pin)	[CN203]
. L	6	QCNCW0458FCZZ	AD		С	Connector (20pin)	[CN204]
⚠	10	QFS-B0030FCZZ	AH		Α	Fuse (15A 250V)(100V series)	[F201]
⚠		QFS-C1500QCZZ	AF		Α	Fuse (10A 250V)(200V series)	[F201]
L		QFSHD0026FCZZ	AC		С	Fuse holder	[for F201]
L		QTANP0115FCZZ	AB		С	Tab terminal (T86032)	[Lin,Nin,Nout]
L	15	QTANP0116FCZZ	AA		С	Tab terminal (T46036)	[except AR-505][NDH]
	16	QTANP0189FCZZ	AC		С	Tab terminal (100V series)	[Lout]
L		QTANP0115FCZZ	AB		С	Tab terminal (T86032)(200V series)	[Lout]
L		RC-QZ0314FCZZ	AH		С	Capacitor (XYE224472)	[C203]
F		RCiLF0031FCZZ	AR		С	Coil (100µH8A)(200V series)	[L202,203]
L		RCiLF0096FCZZ	AN		С	Coil (1MH15A)(200V series,and Taiwan(AR-280,285,335))	[L201]
F		RH-DZ0019FCZZ	AG		В	Diode (DSA-242MA)(100V series)	[A201]
L		RMPTA0031FCZZ	AE		В	CR mix part (ECQ-J0186X)(0.1μF 120Ω)	[CR201,202]
-		RR-WZ0328FCZZ	AD		С	Resistor (5W 3Ω)(100V series)	[R205]
L	23	RRLYD3222QCZZ	AL		В	Relay (JQ1-24V)	[RY201]
	24	RRLYD4421QCN2	AU		В	Relay (Q4W-2212PFD)(100V series)	[RY203]
L		RRLYC4320QCZZ	AY		В	Relay (JC2AF)(200V series, except AR-505)	[RY203]
	25	RRLYD6121QCZZ	AM		В	Relay (G4W-1112PUS)(100V series)	[RY202]
F		RRLYD6120QCZZ	AP		В	Relay (G4W-1112PVD)(200V series)	[RY202]
	26	VCFYFU2ED474M	AG		С	Capacitor (0.47µF)(Taiwan,for AR-280,285,335)	[C204]
F		VCFYFU2ED474M	AG		С	Capacitor (0.47μF)(200V series)	[C205]
L		VCFYRT2EC105K	AL		С	Capacitor (1.0μF)(200V series)	[C204]
F	28	VCQYNU1HM104K	AB		С	Capacitor (50WV 0.10μF)(excpet for Taiwan(AR-280,285,335	
	29	VHDDSS133//-1	AA		В		[except AR-505][D201,202,203]
ŀ		VHDDSS133//-1	AA		В	Diode (DSS133)	[AR-505]
	0.4	VHRS11MD5V/-1	AF		В	Photo thyristor (S11MD5V)(100V series(AR-280,285,335))	[SSR201,202]
	34	VHRS21MD3V/-1	AE		В	Photo thyristor (S21MD3V) (except f [SSR201,202]	or 100V series(AR-280,285,335))
	35	VHSTM1641P-LF	AQ		В	Thyristor (TM1641P-LF)(100V series)	[TD201,202]
	33	VHSTM1661P-LF	AQ		В	Thyristor (TM1661P-LF)(200V series)	[TD201,202]
	36	VRD-HT2EY105J	AA		С	Resistor (1/4W 1.0M Ω ±5%)(100V series)	[R206]
		VRD-HT2HY274J	AA		С	Resistor (1/2W 270K Ω ±5%)(200V series)	[R206]
Ĺ	38	VRS-HT2HA101J	AA		С	Resistor (1/2W 100Ω ±5%)	[R201,203]
	39	VRS-HT2HA121J	AA		С	Resistor (1/2W 120Ω ±5%)(100V series)	[R202,204]
L		VRS-HT2HA201J	AA		С	Resistor (1/2W 300 Ω ±5%)(200V series)	[R202,204]
L	42	XBPSD30P10K00	AA		С	Screw (3×10K)	[for TD201,202]
L		(Unit)					
		CPWBF1306FC51	BS		E	AC PWB (Taiwan only)	[AR-280,285,335]
		CPWBF1290FC51	BN		Е	AC PWB (100V series,except Taiwan)	[AR-280,285,335]
	901	CPWBF1395FC51	BQ		Е	AC PWB (100V series)	[except AR-280,285,335,505]
	001	CPWBF1291FC51	BR		E	AC PWB (200V series)	[except AR-505]
		CPWBF1395FC52	BM	N	E	AC PWB (100V series)	[AR-505]
		CPWBF1291FC52	BR	N	Е	AC PWB (200V series)	[AR-505]
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51 Scanner drive PWB

31	scarrier unive PWB	<u>, </u>				
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCM7014SC0F	AB		С	Connector (6pin)	[CN-3]
	QCNCM7014SC1C	AC		С	Connector (13pin)	[CN-2]
3	QCNCW0948FCZ3	AC		С	Connector (3pin)	[CN-1]
	RMPTC7103QCJB	AB		В	Block resistor (10KΩ×7 1/8W ±5%)	[BR2]
	RMPTC8103QCJB	AC		В	Block resistor (10KΩ×8 1/8W ±5%)	[BR1]
	VCEAZU1HW105M	AB		С	Capacitor (50WV 1μF)	[C2]
	VCEAZU1HW477M	ΑE		С	Capacitor (50WV 470μF)	[C1]
	VH i STK 6 7 2 5 0 - 1	BB		В	IC (STK67250)	[IC3]
	VHiTD62504/-1	AG		В	IC (TD62504)	[IC1,2]
	VRNRC2EK2201F	AA		С	Resistor (1/4W 2.20K Ω ±1%)	[R1,5]
	VRNRC2EK2700F	AB		С	Resistor (1/4W 270Ω ±1%)	[R3]
	VRNRC2EK8200F	AA		С	Resistor (1/4W 820Ω ±1%)	[R2]
13	VRD-RC2EY163J	AA		С	Resistor (1/4W 16K Ω ±5%)	[R7,8]
	(Unit)					
901	CPWBF1279FC52	BD		E	Scanner drive PWB	

52 ORS PD PWB

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCM0542FCZZ	AC		С	Connector (6pin)	[CN1]
2	RC-KZ2005SCZZ	AA		С	Capacitor (25WV 0.01μF)	[C2,4]
3	RMPTC3272QCJB	AA		В	Block resistor (2.7KΩ×3 1/8W ±5%)	[BR1]
4	VCKYPU1HB102K	AA		С	Capacitor (50WV 0.001μF)	[C5]
5	VCKYPU1HB681K	AA		С	Capacitor (50WV 680PF)	[C1]
6	VCQYNA1HM682K	AA		С	Capacitor (50WV 6800PF)	[C3]
7	VHDDSS133//-1	AA		В	Diode (DSS133)	[D1,2]
8	VHiLM358P//-1	AG		В	IC (LM358P)	[IC2]
9	VH i TC 4 0 5 1 BP - 1	AQ		В	IC (TC4051BP)	[IC1]
10	VHPPD49Pi//-1	ΑE		В	Photo sensor (PD49PI)	[PD2~7]
11	VRD-HT2EY104J	AA		С	Resistor (1/4W 100KΩ ±5%)	[R1]
12	VRD-HT2EY274J	AA		С	Resistor (1/4W 270KΩ ±5%)	[R2]
13	VRD-HT2EY303J	AA		С	Resistor (1/4W 30K Ω ±5%)	[R4]
14	VRD-HT2EY471J	AA		С	Resistor (1/4W 470Ω ±5%)	[R3]
	(Unit)					
901	CPWBF1294FC32	AX		Е	ORS PD PWB	

53 E	OC Power supply P	WB	[AR-4	405,5	05(100V series)]	
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTIO	N
1	0 A V 1 3 9 0 0 0 0 1 4 9	AS		С	Aluminum Electrolytic capasitor (1000μF 200V)	[C709,710]
2	0 A V 1 4 7 1 8 3 0 0 9 0	AD		С	Film capasitor (0.018µF 100V)	[C715]
3	0 A V 1 5 5 0 0 0 0 0 0 3	AL		C	Film capasitor (0.47µF 250V)	[C701,702]
4	0 A V 1 4 8 0 0 0 0 0 7 3	AG		С	Film capasitor (0.15µF 400V)	[C711]
5	0 A V 1 6 1 0 0 0 0 0 3 9	AB		С	Ceramic capacitor (330pF 2KV)	[C712,777]
6		AD		С	Ceramic capacitor (680pF 1KV)	[C713,714,753,754]
7	0 A V 1 6 1 0 0 0 0 0 6 7	AC		С	Ceramic capacitor (1000pF 1KV)	[C720,751,752,757~760,771,772,782]
8	0 A V 1 6 5 0 0 0 0 0 6 8	AD		С	Ceramic capacitor (3300pF (KH))	[C703~708]
9		AD		C	Ceramic capacitor (0.01µF 50V)	[C719]
	0 A V 1 6 9 0 0 0 0 0 0 1	AB		C	Ceramic capacitor (0.1µF 50V)	[C718,764,766,781]
	0 A V 1 6 1 0 0 0 0 0 6 6	AD		C	Ceramic capacitor (0.022µF 50V)	[C769]
	0 A V 1 3 9 0 0 0 0 1 0 7	AC		C	Aluminum Electrolytic capasitor (0.47µF 50V)	[C770]
	0 A V 1 3 9 0 0 0 0 1 0 8	AC		C	Aluminum Electrolytic capasitor (22µF 35V)	[C716,763,780]
	0 A V 1 3 9 0 0 0 0 1 0 9	AC		C	Aluminum Electrolytic capasitor (47µF 35V)	[C717,767,775,776,778]
	0 A V 1 3 9 0 0 0 0 1 4 0	AE		C	Aluminum Electrolytic capasitor (2.2µF 315V)	
	0 A V 1 3 9 0 0 0 0 1 3 6	AF		C		[C783]
	0 A V 1 3 9 0 0 0 0 1 3 7	AG		C	Aluminum Electrolytic capasitor (1000µF 25V)	[C774]
	0 A V 1 3 9 0 0 0 0 1 3 7	AG			Aluminum Electrolytic capasitor (1000µF 50V)	[C755,756]
				С	Aluminum Electrolytic capasitor (1800μF 35V)	[C761,762,768]
	0 A V 1 3 9 0 0 0 0 1 3 5	AG		С	Aluminum Electrolytic capasitor (1000μF 35V)	[C765]
	0 A V 3 0 5 0 0 3 8 0 0 0	AF		В	Diode (ERC38-06)	[D703]
21	0 A V 3 0 5 0 0 7 9 0 0 0	AG		В	Diode (YG911S2)	[D767]
22	0 A V 3 0 5 0 0 8 6 0 0 0	AB		В	Diode (1SS270)	[D753,756,757,760,763,765,768]
	0 A V 3 0 5 0 0 8 6 0 0 0	AB		В	Diode (1SS270)	[D770,772,773,774,776,779,782]
23	0 A V 3 0 6 0 0 4 0 0 0 0	AR		В	Diode (D15XB60)	[D701]
	0 A V 3 0 6 0 0 2 1 0 0 0	AB		В	Diode (ERA15-01)	[D769,777,780]
25	0 A V 3 0 5 0 0 6 9 0 0 0	ΑE		В	Diode (ERA38-05)	[D708,709,710]
26	0 A V 3 0 5 0 0 1 9 0 0 0	ΑF		В	Diode (ERA91-02)	[D702]
27	0 A V 3 0 6 0 0 4 1 0 0 0	AD		В	Diode (ERB12-06)	[D704,705]
28	0 A V 3 0 5 0 0 3 3 0 0 0	ΑE		В	Diode (ERB91-02)	[D778]
29	0 A V 3 0 5 0 0 8 2 0 0 0	AQ		В	Diode (ESAD92M-02F157)	[D754]
30	0 A V 3 0 5 0 0 8 3 0 0 0	AR		В	Diode (ESAD92M-03F157)	[D751]
31	0 A V 3 0 7 0 0 4 4 0 0 0	AB		В	Zenner diode (RD16ES)	[D758,764]
32	0 A V 3 0 7 0 0 9 7 0 0 0	AC		В	Zenner diode (RD30ES)	[D707,755]
33		AC		В	Zenner diode (RD4.7ES)	[D759,761,775]
	0 A V 3 0 7 0 0 7 7 0 0 0	ΑE		В	Zenner diode (RD47E)	[D752]
35	0 A V 3 0 7 0 0 4 2 0 0 0	AB		В	Zenner diode (RD5.6ES)	[D762]
36	0 A V 3 0 7 0 1 0 3 0 0 0	AC		В	Diode (RD8.2ES)	[D706,766]
37	0 A V 3 0 5 0 0 3 6 0 0 0	AF		В	Diode (RG1C)	[D781,783]
38	0 A V 3 0 5 0 0 7 0 0 0 0	AK		В	Diode (KG1C) Diode (YG802C06)	[D761,763] [D771]
39		AG		A	Fuse (125V 6.3A)	[F701,703,709]
	0 A V 5 0 6 0 0 5 7 0 0 0	AG			Fuse (125V 6.3A) Fuse (250V 3A)	[F701,703,709] [F706,707,708]
40	0 A V 5 0 6 0 0 3 9 0 0 0	AF		A A		
	0 A V 5 0 7 0 0 0 0 0 1 3	AF			Fuse (125V 5A)	[F711]
	0 A V 2 0 6 0 0 1 2 0 0 0	AH		A	Thermal fuse (127) Thermal system (2.30, 435)	[F710]
		AH		A	Thermal cutoff with resistor (3.3Ω 135)	[FR701]
	0 A V 3 0 9 0 0 7 1 0 0 0			В	IC (PQ3RD23)	[IC753]
	0 A V 3 0 9 0 0 4 6 0 0 0	AN		В	IC (PQ12RF21)	[IC752]
	0 A V 3 0 9 0 0 4 1 0 0 0	AF		В	IC (UPC1093J-1)	[IC751]
47	0 A V 3 0 9 0 0 7 2 0 0 0	AG		В	IC (UPC79L05J-1)	[IC754]
48	0 A V 4 0 7 0 0 5 5 0 0 0	AR		С	Line filter (DR25AJ-1020)	[L701]
49	0 A V 4 0 5 0 0 0 5 0 0 0	AD		С	Choke coil (TSL1110-332KR17)	[L705]
50	0 A V 4 0 8 0 0 0 6 0 0 0	AS		С	Choke coil (OH-104SZ)	[L767]
51	0 A V 4 1 2 0 0 0 2 0 0 0	AC		С	Inductor (B-01-A)	[L702,703]
52	0 A V 4 0 2 0 0 3 4 6 1 1	BE		С	Choke coil (C-L00-346)	[L757]
53	0 A V 4 1 2 0 0 0 7 0 0 0	AD		С	Inductor (LFP2B-M3A0TA)	•
	07.74120007000	70				[L704,751~756,758~764,768]

53 DC Power supply PWB. [AR-405,505(100V series)]

NO.	PARTS CODE	PRICE RANK	NEW MARK		DESCRIPTION	
	0 A V 4 1 2 0 0 0 8 0 0 0	AD		С	Inductor (LFP3A-M3A0TA)	[L769,7
	0 A V 4 0 5 0 0 1 6 0 0 0	AG		С	Choke coil (PC-8T8R2M)	[L7
	0 A V 3 0 8 2 5 6 1 3 0 0	AF		В	Photo coupler (PS2561)	[PC701~7
	0 A V 3 0 2 1 8 1 5 5 0 0	AC		В	Transistor (2SC1815)	[Q703,751,7
	0 A V 3 0 2 2 6 5 5 5 0 0 0 A V 3 0 4 0 1 7 6 9 9 9	AE AN		B B	Transistor (2SC2655) FET (2SJ176)	[Q7
	0 A V 3 0 4 0 1 7 6 9 9 9 0 0 A V 3 0 4 1 1 6 8 0 0 0	AW		В	FET (2SK1168)	[Q7 [Q701,7
	0 A V 3 0 2 1 0 0 4 9 9 9	AD		В	Transistor (RN1004)	[Q7
	0 A V 2 0 4 3 3 0 3 0 3 0	AC		В	Fusing resistor (33Ω 1/2W)	[R713,7
	0 A V 2 0 4 4 7 7 3 0 3 0	AC		В	Fusing resistor (4.7 Ω 1/2W)	[R7
	0 A V 2 0 4 1 0 0 3 0 3 0	AC		В	Fusing resistor ($10\Omega \ 1/2W$)	[R7
	0 A V 2 0 5 1 0 9 4 0 7 5	AG		В	Cement filled resistor (0.01 Ω 5W)	[R7
	0 A V 2 0 5 5 0 9 4 0 7 5	AF		В	Cement filled resistor (0.05Ω 5W)	[R715,7
67	0 A V 2 0 5 3 3 7 4 0 8 7	AH		В	Cement filled resistor (3.3Ω 7W)	[R7
68	0 A V 2 0 1 1 0 1 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (100Ω 1/6W)	[R760,783,7
69	0 A V 2 0 1 1 0 2 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (1KΩ 1/6W)	[R7
	0 A V 2 0 1 1 0 3 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (10KΩ 1/6W)	[R727,7
71	0 A V 2 0 1 1 0 4 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (100KΩ 1/6W)	[R7
	0 A V 2 0 1 1 2 2 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (1.2KΩ 1/6W)	[R7
	0 A V 2 0 1 1 2 4 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (120KΩ 1/6W)	[R7
	0 A V 2 0 1 1 5 3 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (15KΩ 1/6W)	[R720,768,7
	0 A V 2 0 1 2 2 2 3 0 1 0	AA	1	С	Flame proof fixed carbon film resistor (2.2KΩ 1/6W)	[R762,767,7
_	0 A V 2 0 1 2 7 2 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (2.7KΩ 1/6W)	[R730,770,7
	0 A V 2 0 1 3 0 3 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (30KΩ 1/6W)	[R7
	0 A V 2 0 1 3 3 2 3 0 1 0	AA	-	С	Flame proof fixed carbon film resistor (3.3KΩ 1/6W)	[R758,7
	0 A V 2 0 1 3 3 3 3 0 1 0	AA	-	С	Flame proof fixed carbon film resistor (33KΩ 1/6W)	[R7
	0 A V 2 0 1 4 7 0 3 0 1 0	AA		С	Flame proof fixed carbon film resistor (47Ω 1/6W)	[R7
	0 A V 2 0 1 4 7 2 3 0 1 0 0 A V 2 0 1 1 2 1 3 0 2 0	A A		C	Flame proof fixed carbon film resistor (4.7KΩ 1/6W)	[R757,761,7
	0 A V 2 0 1 1 2 1 3 0 2 0 0 A V 2 0 1 2 2 1 3 0 2 0	AA		C	Flame proof fixed carbon film resistor (120Ω 1/4W)	[R774,7
	0 A V 2 0 1 2 2 1 3 0 2 0	AA		C	Flame proof fixed carbon film resistor (220Ω 1/4W) Flame proof fixed carbon film resistor (4.7KΩ 1/4W)	
	0 A V 2 0 1 4 7 2 3 0 2 0	AA		C	Flame proof fixed carbon film resistor $(4.7 \times 2.7 \times 2.7 \times 4.7 \times 2.7 \times $	[R719,7
	0 A V 2 0 1 1 0 4 3 0 3 0	AA		C	Flame proof fixed carbon film resistor (4.752 1/4W)	[R7
	0 A V 2 0 1 1 8 2 3 0 3 0	AB		C	Flame proof fixed carbon film resistor (1.8KΩ 1/2W)	[R7
	0 A V 2 0 1 1 8 4 3 0 3 0	AB		C	Flame proof fixed carbon film resistor (180K Ω 1/2W)	[R789,7
	0 A V 2 0 4 1 0 1 3 0 1 0	AC		В	Fusing resistor (100 Ω 1/6W)	[R718,7
	0 A V 2 0 4 2 2 0 3 0 1 0	AC		В	Fusing resistor (22Ω 1/6W)	[R721,729,7
	0 A V 2 0 4 8 2 0 3 0 1 0	AC		В	Fusing resistor (82 Ω 1/6W)	[R7
	0 A V 2 0 4 1 0 3 3 0 2 0	AC		В	Fusing resistor (10KΩ 1/4W)	[R711,7
	0 A V 2 0 2 2 2 3 3 0 6 0	AC		C	Fixed metal oxide resistor (22K Ω 3W)	[R708,7
	0 A V 2 0 2 2 2 1 3 0 7 0	AF		С	Fixed metal oxide resistor (220Ω 5W)	[R753,7
95	0 A V 2 0 2 4 7 0 3 0 7 0	AF		С	Fixed metal oxide resistor (47Ω 5W)	[R710,751,752,754,7
	0 A V 2 0 2 1 0 3 3 0 4 0	AC		С	Fixed metal oxide resistor (10KΩ 1W)	[R722,723,7
	0 A V 2 0 2 2 2 0 3 0 4 0	AC		С	Fixed metal oxide resistor (22Ω 1W)	[R7
	0 A V 2 0 2 2 7 3 3 0 4 0	AC		С	Fixed metal oxide resistor (27KΩ 1W)	[R706,707,725,7
	0 A V 2 0 2 3 9 2 3 0 4 0	AC		С	Flame proof fixed carbon film resistor (3.9KΩ 1W)	[R7
	0 A V 2 0 2 6 8 0 3 0 4 0	AC		С	Fixed metal oxide resistor (68Ω 1W)	[R704,7
	0 A V 5 1 4 0 0 2 0 0 0 0	AK		С	Posi-R (ZPC25CE8R2F1UC)	[TH7
	0 A V 3 1 6 0 0 3 1 0 0 0	AR		В	Triac (BCR16PM-8LP-A8)	[TR7
	0 A V 4 0 0 0 1 1 4 0 1 1	BC		В	Transformer (N-T01-140)	[T7
	0 A V 2 0 8 1 0 2 9 1 8 1 0 A V 5 0 5 0 0 0 5 0 0 0	AH		В	Carbon trimmer (1KΩ)	[VR701,7
	0 A V 5 1 3 0 0 0 8 0 0 0	AA		C	Fuse holder (PFC5000-0203) Terminal (TP00370-41)	
	0 A V 5 1 3 0 0 0 7 0 0 0	AC	 	C	Terminal (TP00370-41) Terminal (ST-2-1)	
_	0 A V 5 0 3 0 0 3 6 0 0 0	AC		C	Connector (B2P3-VH)	[CN7
	0 A V 5 0 3 0 1 0 5 0 0 0	AM		C	Connector (B30B-XADSS-F)	[CN7
	0 A V 5 0 3 0 1 0 6 0 0 0	AL		C	Connector (B26B-XADSS-F)	[CN7
	0 A V 5 0 3 0 1 0 7 0 0 0	AN		C	Connector (B34B-XADSS-F)	[CN7
	0 A V 5 0 3 0 1 0 8 0 0 0	AK		С	Connector (B18B-XADSS-F)	[CN7
	0 A V 5 0 3 0 1 0 9 0 0 0	AD		С	Connector (B3B-XASK-1)	
	0 A V 5 0 3 0 1 1 4 0 0 0	AF		С	Connector (B08B-XASK-1)	[CN7
	0 A V 6 1 1 3 1 0 1 6 1 1	AQ		С	Heat sink (LM31016)	
	0 A V 8 1 1 7 7 3 0 5 1 4	AB		С	Screw (M3×10)	
	0 A V 1 6 1 0 0 0 0 0 3 6	AC		С	Ceramic capacitor (220pF 50V)	
	0 A V 1 6 1 0 0 0 0 0 5 6	AD		С	Ceramic capacitor (0.01µF 50V)	
	0 A V 1 3 9 0 0 0 0 1 3 1	AD	-	С	Aluminum Electrolytic capasitor (2.2µF 50V)	[
	0 A V 1 3 9 0 0 0 0 1 3 2	AD	-	С	Aluminum Electrolytic capasitor (0.47μF 50V)	[
	0 A V 3 0 9 0 0 7 3 0 0 0	AP	-	В	IC (M51995AP)	[]
	0 A V 3 0 2 1 8 1 5 5 0 0	AC		В	Transistor (2SC1815)	
	0 A V 2 0 1 1 0 3 3 0 1 0	AA	 	С	Flame proof fixed carbon film resistor (10ΚΩ 1/6W)	
	0 A V 2 0 1 2 7 3 3 0 1 0	AA	-	С	Flame proof fixed carbon film resistor (27ΚΩ 1/6W)	
149	0 A V 2 0 1 3 0 3 3 0 1 0 0 A V 2 0 1 3 3 2 3 0 1 0	AA	-	С	Flame proof fixed carbon film resistor (30KΩ 1/6W)	[
	0 A V 2 0 1 3 3 2 3 0 1 0 0 A V 2 0 1 3 3 3 3 0 1 0	AΑ	-	C	Flame proof fixed carbon film resistor (3.3KΩ 1/6W)	
	0 A V 2 0 1 3 3 3 3 0 1 0 0 A V 5 0 3 0 1 0 3 0 0 0	AA AF	-	C	Flame proof fixed carbon film resistor (33KΩ 1/6W)	[0
	0 A V 1 6 1 0 0 0 0 0 5 5	AF	-	C	Connector (50055-8109) Ceramic capacitor (0.001μF 50V)	[CI
	0 A V 1 6 1 0 0 0 0 0 0 5 5	AB	-	C	Ceramic capacitor (0.001µF 50V) Ceramic capacitor (0.1µF 50V)	
160		\wedge	l	U		[
		ΔD		ر	Ceramic capacitor (0.022uF 50\/)	IC.
163	0 A V 1 6 9 0 0 0 0 0 6 6 0 A V 3 0 5 0 0 8 6 0 0 0	AD AB		C B	Ceramic capacitor (0.022μF 50V) Diode (1SS270)	[C:

53 DC Power supply PWB. [AR-405,505(100V series)]

NO.	PARTS CODE	PRICE RANK	PART RANK	DESCRIPTION	
166	0 A V 2 0 1 1 0 3 3 0 1 0	AA	С	Flame proof fixed carbon film resistor (10KΩ 1/6W)	[R3
167	0 A V 2 0 1 1 2 3 3 0 1 0	AA	С	Flame proof fixed carbon film resistor (12KΩ 1/6W)	[R1
168	0 A V 2 0 1 2 2 2 3 0 1 0	AA	С	Flame proof fixed carbon film resistor (2.2KΩ 1/6W)	[R7,9
169	0 A V 2 0 1 2 2 3 3 0 1 0	AA	С	Flame proof fixed carbon film resistor (22KΩ 1/6W)	[R8
	0 A V 2 0 1 3 3 2 3 0 1 0	AA	С	Flame proof fixed carbon film resistor (3.3KΩ 1/6W)	[R5
	0 A V 2 0 1 4 7 2 3 0 1 0	AA	С	Flame proof fixed carbon film resistor (4.7KΩ 1/6W)	[R2
	0 A V 2 0 1 5 6 2 3 0 1 0	AA	С	Flame proof fixed carbon film resistor (5.6KΩ 1/6W)	[R6
173	0 A V 2 9 9 0 0 3 7 0 0 0	AB	С	Metal film resistor (1KΩ 1/6W)	[R11
	0 A V 2 9 9 0 0 3 8 0 0 0	AB	С	Metal film resistor (47KΩ 1/6W)	[R10
	0 A V 5 0 3 0 1 0 4 0 0 0	ΑE	С	Connector (50055-8108)	[CNA
	0 A V 6 1 1 1 0 1 7 8 1 1	ΑZ	С	Chassi (LM10178)	
	0 A V 6 1 1 3 1 0 1 7 1 1	AR	С	Heat sink (LM31017)	
	0 A V 6 1 1 4 1 0 1 7 1 1	AH	С	Connector panel (LM41017)	
	0 A V 6 1 1 4 0 5 8 5 1 1	AG	С	Support plate (LM40585)	
	0 A V 6 1 1 4 0 2 6 4 1 1	ΑE	С	Support plate (LM40264)	
	0 A V 7 2 0 0 0 0 4 0 0 0	AD	С	Tube (UA-45T-13R5-30)	
	0 A V 8 1 4 0 2 3 0 3 1 4	AA	С	Screw (M3×6)	
	0 A V 8 1 1 2 2 3 0 7 1 4	AA	С	Screw (M3×14)	
	0 A V 8 1 1 2 2 3 0 3 1 4	AA	С	Screw (M3×6)	
	0 A V 7 4 1 4 1 1 4 1 1 1	AD	С	Label (LV41141)	
186	0 A V 7 4 1 4 1 1 9 0 1 1	AD	С	Label (LV41190)	
	(Unit)				
901	CPWBF1386FC31	CA	E	DC Power supply PWB (100V series)	

DC Power supply PWB · 200V series(and 100V series except AR-405,505)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESC	RIPTION
1	0FT23006212//	AP		В	IC (MB3759M)	[Z1]
2	0FT23287815//	ΑF		С	Chemical capacitor (KME50VB-22FC)@	[C1]
3	0FT23259285//	ΑF		С	Chemical capacitor (KME50VB-10FC)@	[C6]
4	0FT23087743//	AD		С	Film capacitor (AMZF-472K50)	[C4]
5	0FT23090523//	AD		С	Film capacitor (AMZF-473K50)	[C7]
6	0FT23418685//	AC		С	Carbon resistor (RDMF14-FX 12KΩJ)	[R2]
7	0FT23418634//	AC		С	Carbon resistor (RDMF14-FX 5.6KΩJ)	[R3,845]
8	0FT23419401//	AC		С	Carbon resistor (RDF14-FB 1KΩJ)	[R1,5]
9	0FT23419010//	AC		С	Carbon resistor (RDMF14-FX 1MΩJ)	[R6]
10	0FT23419452//	AC		С	Carbon resistor (RDF14-FB 2.2KΩJ)	[R8]
11	0FT23539423//	AK		С	Connector (MDF14A-8P-2.5DS)	[PN1]
12	0FT23555402//	AD		С	Fuse holder (EYF-52LCZ)	[F701]
13	0FT31541328//	AU		С	Reactor (EXL42850-174)	[L704]
14	0FT23642925//	AK		С	Reactor (CX40357-006)	[L705,707,713]
15	0FT23642909//	AK		С	Reactor (CX40357-004)	[L706,710,715]
16	0FT23642917//	AG		С	Reactor (CX40357-005)	[L708,714]
17	0FT23381072//	AR		С	Reactor (HK-08S070-6500)	[L709]
18	0FT23375323//	AR		С	Reactor (HK-10S100-4500)	[L711]
19	0FT23353524//	ΑU		С	Reactor (HK-14S160-5000)	[L712
20	0FT23606732//	AD		В	Diode (S5688G)	[D707,710,734,735]
21	0FT23601552//	ΑF		В	Diode (1GU42)	[D711,713,732,770]
22	0FT23078876//	AH		В	Diode (RK44)	[D719
23	0FT23138429//	AK		В	Diode (RL2ZP)	[D725]
24	0FT23195236//	AC		В	Diode (1SS119-14)	[D2,723,751,753,756,761,762,764,772,773,779]
25	0FT23246205//	ΑF		В	Zener diode (RD6.2ES-B2)	[D709]
26	0FT23242382//	AK		В	Diode (RK34)	[D768]
27	0FT23606910//	ΑE		В	Zener diode (RD4.7ES-B2)	[D720,721
28	0FT23355705//	AF		В	Zener diode (RD6.8ES-B2)	[D724]
29	0FT23288153//	ΑE		В	Zener diode (RD27ES-B2)	[D752]
30	0FT23291235//	ΑE		В	Zener diode (RD12ES-B3)	[D706,776
31	0FT23265420//	ΑE		В	Zener diode (RD24ES-B2)	[D712,749,750]
32	0FT23483428//	ΑF		В	Zener diode (RD2.0ES-B2)	[D777
	0FT23223116//	AF		В	Zener diode (RD13ES-B2)	[D757
34	0FT23783413//	AF		В	Zener diode (RD10ES-B2)	[D760]
35	0FT23574342//	ΑE		В	Zener diode (RD5.1ES-B2)	[D780
	0FT23400433//	AF		В	Zener diode (RD3.6ES-B2)	[D763
	0FT33145594//	AX		В	Rectifier (PBS2506GCA)	[RC702
	0FT23246191//	AF		В	Zener diode (RD5.6ES-B2)	[D765
	0FT23198634//	AF		В	Zener diode (RD6.8ES-B3)	[D766,767
	0FT23413403//	ΑU		В	Rectifier (ESAD92M-03)	[RC705]
	0FT23256189//	AF		В	Zener diode (RD2.7ES-B2)	[D774
	0FT23772853//	AP		В	Rectifier (F10P06Q)	[RC706]
	0FT23709604//	AP		В	Rectifier (D15SCA4M)	[RC708
	0 F T 2 3 4 2 9 7 8 4 //	AU		В	Rectifier (ESAD92M02)	[RC704]
	0FT23776506//	AP		В	Rectifier (F8P04Q)	[RC707
	0FT23312208//	AU		В	Transistor (2SA1568)	[Q712
	0FT23700801//	AL		В	Rectifier (D5SC4M)	[RC709]
	0FT23104907//	AF		В	Transistor (2SC2655)	[Q722,725
	0 0 . 0 . 0 0 / / /	/ * * *			11411010101 (2002000)	10122,123

54 DC Power supply PWB-200V series(and 100V series except AR-405,505)

١Ο.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	N
50	0FT23405087//	AN		В	Transistor (2SC3852A)	[Q7
51	0FT23055159//	AD		В	Transistor (2SC1815-Y)	[Q727,728,7
52	0FT23078361//	AH		В	Transistor (2SA1020)	[Q705,723,7
	0FT23080986//	AG		В	Transistor (2SC1815)	[Q701,711,7
	0FT33001460//	AK		В	Photo coupler (PC123FY)	[PC701,702,7
	0FT33309996//	AX		В		
					FET (2SJ374)	[Q721,7
	0 F T 2 3 2 5 9 3 0 7 / /	AH		С	Chemical capacitor (KME63VB-100)	[C7
	0FT23639789//	AS		В	IC (FA5310P)	[27
58	0FT23188655//	AP		С	Chemical capacitor (KME25VB-2200)	[C754,7
59	0FT23671658//	AP		В	IC (UPC78M05AHF)	[Z7
60	0FT23165175//	AH		С	Chemical capacitor (KME35VB-470)	[C7
61	0FT23307069//	AP		С	Chemical capacitor (KME50VB-1000)	[C7
	0FT23188728//	AP		С	Chemical capacitor (KME35VB-2200)	[C760,761,762,766,7
	0FT23150526//	AN		Č	Chemical capacitor (KME35VB-1000)	[C7
	0 F T 2 3 2 6 2 4 6 4 / /	AU		C	Chemical capacitor (KME35VB-3300)	[C769,770,8
	0FT23239837//	AK		C	Chemical capacitor (KME35VB-100FC)	[C713,7
	0FT23292762//	AL		C	Chemical capacitor (KME50VB-1001C) Chemical capacitor (KME50VB-330)	
						[C7
	0 F T 2 3 0 8 8 4 2 1 //	AK		С	Chemical capacitor (KME10VB-2200)	[C802,803,804,806,807,808,813,8
	0FT23259269//	AF		С	Chemical capacitor (KME50VB-1FC)	[C788,801,805,8
	0FT23124916//	AK		С	Chemical capacitor (KME25VB-1000)	[C796,797,8
70	0FT33054246//	AK		С	Film capacitor (3362-474)	[C7
<u>7</u> 1	0FT23259242//	AF		С	Chemical capacitor (KME25VB-220FC)	[C8
72	0FT23111660//	AK		С	Chemical capacitor (KME10VB-1000)	[C8
	0FT33057288//	AK		C	Film capacitor (3362-105)	[C7
	0FT23097153//	AG		C	Film capacitor (AMZF-223K50)	[C7
	0FT23090531//	AD		C	Film capacitor (AMZF-104K50)	[C712,722,726,756,7
	0 F T 2 3 3 8 2 0 7 9 //	AG		C		[C712,722,726,796,7
_					Film capacitor (MMT-224J50)	
77		AK		С	Film capacitor (MMC-104K400)	[C752,771,811,8
	0FT23090280//	AD		С	Film capacitor (AMZF-103K50)	[C2,709,800,819,820,8
79	0FT23412644//	AH		С	Ceramic capacitor (RPE132CH391J50)	[C7
80	0FT23530035//	AH		С	Ceramic capacitor (DE5075-742SL470J2K)	[C7
81	0FT33167288//	AF		С	Ceramic capacitor (DE1007E222M-KH)	[C702,703,7
	0FT23515117//	AF		С	Ceramic capacitor (DE0905-742R102K1K)	[C744,745,746,747,748,749,750,7
	0FT23515109//	ΑE		Č	Ceramic capacitor (DE0705-742R471K1K)	[C732,740,7
	0FT33293976//	AF		C	Ceramic capacitor (DD104-63CH470J50)	[C7
		AG				
	0 F T 2 3 6 4 4 6 4 2 / /			В	Variable resistor (EVM-4LGA00B23)	[RV702,7
	0FT23644650//	AL		В	Variable resistor (EVM-4LGA00B53)	[RV7
	0FT23593282//	AH		С	Ceramic capacitor (DE506-63R102K250)	[C780,781,784,785,792,793,794,7
88	0FT23519384//	AK		В	Cement resistor (BPR26 2W 0.02ΩK)	[R806,8
89	0FT23371158//	AK		В	Cement resistor (BPR26 2W 0.01ΩK)	[R8
90	0FT23644634//	AK		В	Variable resistor (EVM-4LGA00B13)	[RV7
91		AK		В	Cement resistor (BPR26 2W 0.05ΩK)	[R7
	0FT23537137//	AD		C	Metal film resistor (RSMF12B 22ΩJ)	[R734,735,7
	0FT23537080//	AD		C	Metal film resistor (RSMF12B 2.2ΩJ)	[R756,766,770,8
	0FT33056788//	AD		C	Metal film resistor (RSMF1RB 2.2ΩJ)	[R7
	0 F T 2 3 7 8 2 9 4 8 //	AD		C		
					Metal film resistor (RSMF2RB 15ΩJ)	[R719,7
	0 F T 3 3 0 2 4 2 6 6 //	AD		С	Metal film resistor (RSMF2RB 6.8KΩJ)	[R8
_	0FT23707555//	AD		С	Metal film resistor (RSMF2RB 47ΩJ)	[R8
98	0FT23737748//	AD		С	Metal film resistor (RSMF2RB 68ΩJ)	[R8
99	0FT23707598//	AD		С	Metal film resistor (RSMF1RB 22ΩJ)	[R749,7
00	0FT23782328//	AD		С	Metal film resistor (RSMF2RB 22ΩJ)	[R751,7
	0FT23707520//	AD		Č	Metal film resistor (RSMF2RB 1KΩJ)	[R757,771,772,7
	0FT23765385//	AD		Č	Metal film resistor (RSMF1RB 10ΩJ)	[R744,784,788,836,8
	0FT23755592//	AD		C	Metal film resistor (RSMF2RB 2.2KΩJ)	[R8
	0 F T 2 3 5 3 7 0 1 3 //	AD		C	Metal film resistor (RSMF12B 0.22ΩJ)	[R8
	0FT23537013//	AD		C		· ·
					Metal film resistor (RSMF2B 1KΩJ)	[R8
	0FT23537129//	AD		С	Metal film resistor (RSMF12B 15ΩJ)	[R855,8
_	0FT23418626//	AC		С	Carbon resistor (RDMF14-FX 5.1KΩJ)	[R7
	0FT23419681//	AC		С	Carbon resistor (RDF14-FB 100KΩJ)	[R7
	0FT23765407//	AD		С	Metal film resistor (RSMF1RB 1.5KΩJ)	[R857,858,863,8
10	0FT23516261//	AD		С	Metal film resistor (RSMF12B 10ΩJ)	[R737,8
11	0FT23418553//	AC		С	Carbon resistor (RDMF14-FX 2.2KΩJ)	[R7,9,707,739,758,7
	0FT23418588//	AC		Č	Carbon resistor (RDMF14-FX 3.3KΩJ)	[R4,709,7
	0FT23418715//	AC		Č	Carbon resistor (RDMF14-FX 22KΩJ)	[R7
	0FT23418693//	AC		C	Carbon resistor (RDMF14-FX 15KΩJ)	[R730,8
	0FT23418820//	AC		C	Carbon resistor (RDMF14-FX 180KΩJ)	[R798,839,8
_						. , ,
	0 F T 2 3 4 1 8 3 8 3 //	AC		С	Carbon resistor (RDMF14-FX 100ΩJ)	[R731,803,804,805,844,850,8
	0 F T 2 3 4 1 8 8 0 4 / /	AC		С	Carbon resistor (RDMF14-FX 100KΩJ)	[R762,7
18	0FT23418251//	AC		С	Carbon resistor (RDMF14-FX 10ΩJ)	[R795,811,8
19	0FT23418510//	AC		С	Carbon resistor (RDMF14-FX 1KΩJ) [R708,717,732,759,779,781,782,783	,794,796,812,813,820,821,834,856,8
20	0FT23418227//	AC		С	Carbon resistor (RDMF14-FX 5.6ΩJ)	[R7
_	0FT23410227//	AC		C		[R8
					Carbon resistor (RDF14-FB 220ΩJ)	
	0FT23418421//	AC		С	Carbon resistor (RDMF14-FX 220ΩJ)	[R753,837,8
	0FT23418235//	AC		С	Carbon resistor (RDMF14-FX 6.8ΩJ)	[R8
24	0FT23419428//	AC		С	Carbon resistor (RDF14-FB 1.2KΩJ)	[R8
25	0FT23419541//	AC		С	Carbon resistor (RDF14-FB 10KΩJ)	[R859,9
20		AC		C	Carbon resistor (RDMF14-FX 330ΩJ)	[RE
	0FT23418456//					
26	0FT23418456//	AE		С	Ferrite beads (BL02RN1-R62)	[FB7

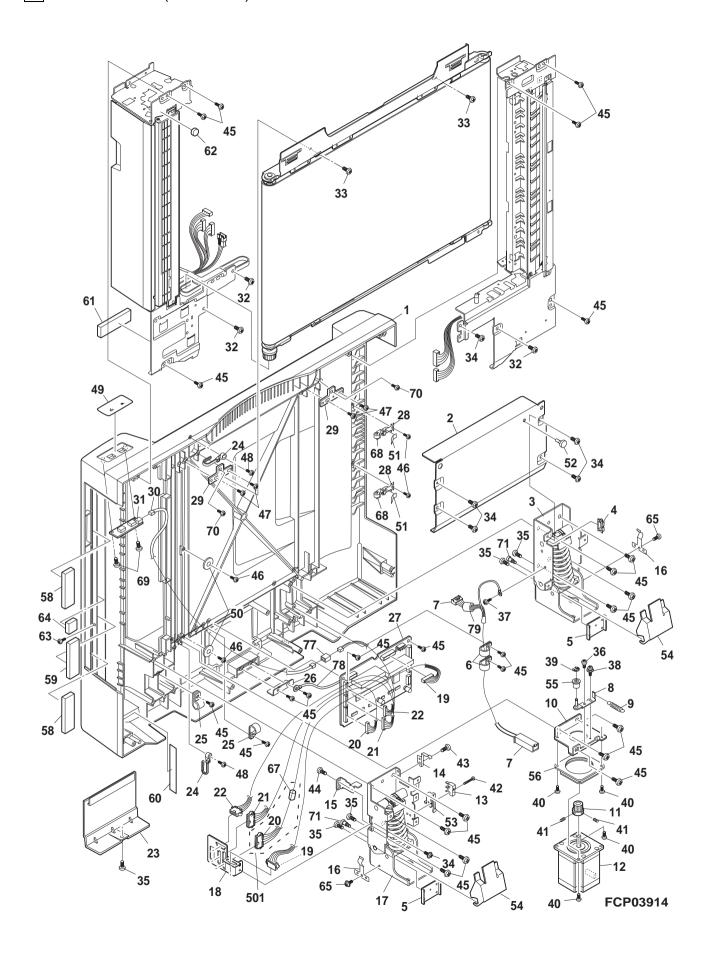
54 DC Power supply PWB. 200V series (and 100V series except AR-405,505)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
129	0FT23418618//	AC		С	Carbon resistor (RDMF14-FX 4.7KΩJ) [R	780,827,829,866,8
130 (0FT23418537//	AC		С	Carbon resistor (RDMF14-FX 1.5KΩJ)	[R8
131 (0FT23105423//	ΑE		С	Connector (RT-01N-2.3A)	[TB701,7
132 (0FT23437582//	AD		С	Ferrite beed (BL02RN2-R62)	[FB7
133 (0FT33330863//	AP		С	Fin (APH44100-202)	-
134 (0FT23324052//	AD		С	Connector (LLM-41T-1.3E)	[CN70
135 (0FT33372582//	AX		С	Insulator sheet (APG27100-025)	-
136	0FT33322097//	AU		С	Connector (B34B-XADSS-F)	[CN7
137 (0FT33322089//	AU		С	Connector (B30B-XADSS-F)	[CN7
138	0FT33322070//	AU		С	Connector (B26B-XADSS-F)	[CN7
139	0FT23339424//	AQ		С	Angle (EGC-20E)	•
140	0FT23599132//	AK		С	Tube (45T-DIA13.5-30)	
141 (0FT33373910//	ВС		С	Chassis (APA24000-056)	
142 (0FT33380925//	AU		С	Fin (APH34200-302)	
143 (0FT23523314//	AR		С	Sheet (AP47100-340-17)	
144 (0FT33373902//	AP		С	Fin (APH34200-303)	
	0FT23523160//	AR		С	Sheet (AP47100-340-05)	
146	0FT23339521//	AR		С	Angle (AP47101-005-03)	•
	0FT23423816//	AC		С	Screw (3×8)	
	0FT23339750//	AC		C	Angle (AP47101-008-05)	
	0FT23432963//	AC		С	Screw (3×10)	
	0 F T 2 3 4 5 3 8 4 7 //	AC		C	Screw (3×12)	
	0 F T 2 3 2 4 7 1 5 5 //	AG		Č	Spacer (AP47039-946-03)	
	0 F T 2 3 4 5 5 7 3 4 //	AC		C	Screw (3×18)	
	0 F T 2 3 4 5 5 9 6 3 //	AC		C	Screw (3×8)	
	0FT33055250//	AG		C	Terminal (00438 JIS C1100R-1/4H SNPB)	
	0 F T 2 3 0 8 7 7 4 3 //	AD		C	Film capacitor (AMZF-472K50)	(200V series)[C7
	0 F T 2 3 7 7 9 5 2 1 //	AP		A	Fuse (218.160 AC250V 0.16A)(200V series)	(2007 3ches)[67
	0 F T 2 3 7 2 3 1 1 9 //	AL		A	Fuse (FBT5 AC125V 5A)(100V series, except AR-405,505)	[F7
	0 F T 2 3 7 8 0 3 4 1 //	AK		A	Fuse (50CT063H)(200V series)	[F700,7
	0 F T 3 3 1 4 7 3 3 3 //	AP		A	Fuse (50CT050H)(200V series)	[F7
	0 F T 2 3 7 7 9 5 5 6 //	AP		A	Fuse (AC125V 0.16A)(100V series,except AR-405,505)	[F7
207 (0FT33080026//	AP		A		703,704,706,707,7
	0 F T 2 3 7 6 1 1 1 8 //	AP		A		703,704,706,707,7
	0 F T 2 3 7 2 3 1 2 7 //	AK		A	Fuse (FBT6.3 AC125V 6.3A)(100V series,except AR-405,505)	F7
	0 F T 3 3 1 1 4 6 1 3 //	AP		A	Fuse (65TS 150L)(100V series,except AR-405,505)	[F7
	0 F T 2 3 0 4 3 3 9 8 //	AF		C	Fuse holder (F-107)(100V series,except AR-405,505)	[for F7
	0 F T 2 3 5 5 5 4 0 2 //	AD		C	Fuse holder (EYF-52LCZ)(200V series)	[F7
	0 F T 3 1 5 4 3 1 9 3 //	AU		В	Transformer (EXT42940-686)(200V series)	T7
	0 F T 2 3 7 7 6 5 2 2 //	BC		C	Reactor (ADR-25-05-080S)(200V series)	[17
	0FT33006004//	AU		C	Reactor (SC-05-300)(200V series)	
					Fuse holder (EYF-52LCZ)(100V series, except AR-405,505)	[L/
216	0 F T 2 3 5 5 5 4 0 2 / /	AD		С	Tuse holder (ETT-52E02)(1007 Selles, except AIX-405,505)	[F702~70
217 (0FT31545692//	AU		В	Transformer (EXT42920-555A)(100V series,except AR-405,505)	[T7
	0 F T 2 3 7 0 3 0 2 9 //	AT		C	Reactor (FK-120G-2520)(100V series,except AR-405,505)	[L701,7
(0FT23586928//	AD		В	Diode (\$5688J)	[D701~7
219	0FT23586928//	AD		В	Diode (\$5688J)(200V series)	[D701~7
	0 F T 2 3 2 4 5 6 0 8 //	AK		В	Diode (RG1C)(200V series)	[D7
	0FT23606732//	AD		В	Diode (S5688G)(100V series,except AR-405,505)	[D701~7
	0 F T 2 3 2 8 5 7 5 8 //	AK		В	Diode (RG2A)(100V series,except AR-405,505)	[D7
	0 F T 2 3 4 2 9 7 8 4 / /	AU		В	Rectifier (ESAD92M02)(200V series)	[RC7
	0 F T 3 3 1 0 5 3 4 7 //	AS		В	Traiac (TMG16C60F)(200V series)	[CR7
	0FT23413403//	AU	 	В	Rectifier (ESAD92M-03)(100V series, except AR-405,505)	[RC7
	0FT23413403//	AU		В	Traiac (SM25GZ51)(100V series,except AR-405,505)	[RC7
	0FT33092091//	BB		В	FET (2SK2078)(200V series)	[Q702,703,7
	0FT33092091//	BB		В	FET (2SK2078)(2007 series) FET (2SK2057)(1007 series, except AR-405,505)	[Q702,703,7 [Q702,703,7
	0FT33201443//	BA		С	Chemical capacitor (KMM400VNSN-270M-30C)(200V series)	[Q702,703,7 [C714,715,7
	0FT23243621//	AG	 	C	Chemical capacitor (KME35VB-47FC) Chemical capacitor (KME35VB-47FC)	(200V series)[C7
	0FT23243621//	AK		C	Chemical capacitor (KME35VB-100FC) (100V series, except AR-405,505)	
			-		Chemical capacitor (KMM235VB-100FC)(100V series,except AR-405,505) Chemical capacitor (KMM200VNSN-1200M-35C)(100V series,except AR-405,505)	[C7
222 (0FT33375077//	ВА	1	С	Chemical capacitor (Kiviivizuuvinoin-12uulvi-30C)(100V series,except AR-4	(05,505) [C714,7
232			1		Chamical canaditar (KMM200)/NCN 4000M 25D)/400)/ paring avecant AD 4	
	0.5.7.0.0.0.5.7.7.7.7	г.		_	l Chemical Capacitor (Niviivizuuvinoin-Tuudivi-sobii Tuuv-senes.exceni-ar-4	.00.0001
	0 F T 3 3 2 8 3 7 1 7//	ВА		С	Chemical capacitor (KMM200VNSN-1000M-35B)(100V series,except AR-4	
233	0 F T 3 3 2 8 3 7 1 7 // 0 F T 2 3 6 3 3 0 1 2 //	BA AH		_	, , , , , , , , , , , , , , , , , , , ,	[C7
233 (С	Film capacitor (MMC-473K630)(200V series)	[C7 [C7
233 (234 (235 (0FT23633012//	АН		_	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series, except AR-405,505)	[C7 [C7 [C7
233 (C 234 (C 235 (C 236 (C	0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 //	AH AD		C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series, except AR-405,505) Film capacitor (AMZF-103K50)(100V series, except AR-405,505)	[C7 [C7 [C7 [C8
233 (234 (235 (236 (237 (0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 //	AH AD AD AE		C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series, except AR-405,505) Film capacitor (AMZF-103K50)(100V series, except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series)	[C7 [C7 [C8 [C717,7
233 (234 (235 (236 (237 (238 (0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 //	AH AD AD AE AK		C C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505)	[C7 [C7 [C8 [C717,7 [C717,7
233 (234 (235 (236 (237 (238 (239 (0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 //	AH AD AD AE AK AG		C C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series, except AR-405,505) Film capacitor (AMZF-103K50)(100V series, except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series)	[C7 [C7] [C8] [C717,7 [C7] [C8]
233 (234 (235 (236 (237 (238 (239 (240 (0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 //	AH AD AD AE AK AG		C C C C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R471K1K)(100V series,except AR-405,505)	[C7 [C7] [C8] [C717,7 [C8] [C717,7
233 (234 (235 (236 (237 (238 (239 (240 (241 (0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 // 0 F T 2 3 5 1 5 1 0 9 // 0 F T 2 3 6 4 4 6 2 6 //	AH AD AD AE AK AG		C C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505)	[C7 [C7] [C8] [C717,7 [C8] [C717,7
233 (234 (235 (236 (237 (238 (239 (240 (241 (0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 //	AH AD AD AE AK AG		C C C C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R471K1K)(100V series,except AR-405,505)	[C7 [C7] [C8] [C717,7 [C8] [C717,7 [C8] [C717,7
233 (C234 (C235 (C237 (C238 (C237 (C238 (C239 (C241 (C242 (C24) (C242 (C242 (C24) (C242 (C24) (C242 (C24) (C242 (C24) (C242 (C	0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 // 0 F T 2 3 5 1 5 1 0 9 // 0 F T 2 3 6 4 4 6 2 6 //	AH AD AD AE AK AG AG		C C C C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R471K1K)(100V series,except AR-405,505) Variable resistor (EVM-4LGA00B52)(200V series)	[C7 [C7] [C8] [C717,7 [C7] [C8] [C717,7 [RV7]
233 (C234 (C235 (C237 (C238 (C237 (C238 (C237 (C238 (C237 (C238 (C	0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 // 0 F T 2 3 5 1 5 1 0 9 // 0 F T 2 3 6 4 4 6 2 6 // 0 F T 2 3 4 7 6 4 4 8 //	AH AD AD AE AK AG AE AG AE		C C C C C C	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R471K1K)(100V series,except AR-405,505) Variable resistor (EVM-4LGA00B52)(200V series) Cement resistor (BPR56 5W 0.22ΩJ)(200V series)	[C7 [C7 [C7 [C717,7] [C717,7] [C8 [C717,7] [RV7 [RV7,8]
233 (C) 234 (C) 235 (C) 237 (C) 238 (C) 239 (C) 241 (C) 242 (C) 243 (C) 244 (C) (C) 244 (C) 244 (C)	0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 // 0 F T 2 3 5 1 5 1 0 9 // 0 F T 2 3 6 4 4 6 2 6 // 0 F T 2 3 7 4 0 2 7 7 //	AH AD AD AE AK AG AE AG AE		C C C C C B B B	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R471K1K)(100V series,except AR-405,505) Variable resistor (EVM-4LGA00B52)(200V series) Cement resistor (BPR56 5W 0.220J)(200V series) Variable resistor (EVM-4LGA00B12)(100V series,except AR-405,505)	[C7 [C7] [C7] [C717,7 [C7] [C8] [C717,7 [R728,7 [RV7]
233 (C) 234 (C) 235 (C) 237 (C) 238 (C) 239 (C) 241 (C) 242 (C) 243 (C) 244 (C) 245 (C	0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 // 0 F T 2 3 5 1 5 1 0 9 // 0 F T 2 3 6 4 4 6 2 6 // 0 F T 2 3 7 4 0 2 7 7 // 0 F T 2 3 3 8 1 1 5 8 //	AH AD AD AE AK AG AE AG AE AG AK AK AK		C C C C C C B B B B B B	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R471K1K)(100V series,except AR-405,505) Variable resistor (EVM-4LGA00B52)(200V series) Cement resistor (BPR56 5W 0.22ΩJ)(200V series) Variable resistor (EVM-4LGA00B12)(100V series,except AR-405,505) Cement resistor (BPR26 2W 0.01ΩK)(200V series)	[C7 [C7 [C7 [C7] [C717,7 [C7] [C8] [C717,7 [RV7 [R728,7 [RV7]
233 (234 (235 (236 (237 (238 (239 (241 (241 (242 (243 (244 (245 (246 (246 (0 F T 2 3 6 3 3 0 1 2 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 0 9 0 2 8 0 // 0 F T 2 3 5 1 5 1 4 1 // 0 F T 2 3 6 1 1 3 2 9 // 0 F T 2 3 3 8 2 0 7 9 // 0 F T 2 3 5 1 5 1 0 9 // 0 F T 2 3 4 7 6 4 4 8 // 0 F T 2 3 3 8 1 1 5 8 // 0 F T 2 3 3 7 1 3 4 4 //	AH AD AD AE AK AG AE AG AK AG AK AK AK		C C C C C C B B B B B B B B	Film capacitor (MMC-473K630)(200V series) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Film capacitor (AMZF-103K50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R221K2K)(200V series) Film capacitor (MMC-104K400)(100V series,except AR-405,505) Film capacitor (MMT-224J50)(100V series,except AR-405,505) Ceramic capacitor (DE0705-742R471K1K)(100V series,except AR-405,505) Variable resistor (EVM-4LGA00B52)(200V series) Variable resistor (BPR56 5W 0.22ΩJ)(200V series) Variable resistor (EVM-4LGA00B12)(100V series,except AR-405,505) Cement resistor (BPR26 2W 0.01ΩK)(200V series) Cement resistor (BPR26 5W 0.1ΩK)(200V series)	[C7 [C7 [C8 [C717,7 [C7 [C8

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
	0FT23537188//	AD	IVII U CI C	С	Metal film resistor (RSMF12B 150ΩJ)(200V series)	[R72
	0 F T 2 3 4 7 6 8 2 0 // 0 F T 2 3 7 8 0 1 3 9 //	AK AD		B C	Cement resistor (BPR56 5W 0.1ΩJ)(100V series,except AR-405,505) Metal film resistor (RSMF2RB 150ΩJ)(200V series)	[R728,72 [R72
	0FT23371158//	AK		В	Cement resistor (BPR26 2W 0.01ΩK)(100V series,except AR-405,505)	[R81
253	0FT23371336//	AK		В	Cement resistor (BPR58 5W 0.05ΩK)(100V series,except AR-405,505)	[R90
254	0FT23707571//	AD		С	Metal film resistor (RSMF1RB 22KΩJ)(100V series,except AR-405,505)	[R702,72
255	0FT23769933//	AD		С	Metal film resistor (RSMF2RB 10KΩJ)(100V series,except AR-405,505)	-
	0FT33125097//	AD		С	Metal film resistor (RSMF2RB 150KΩJ)(100V series,except AR-405,505)	[R703,70 [R71
257	0FT23770273//	AD		С	Metal film resistor (RSMF12B 100KΩJ)(100V series,except AR-405,505)	•
258	0FT23766381//	AD		С	Metal film resistor (RSMF12B 270ΩJ)(100V series,except AR-405,505)	R701,711,71 R72
259	0FT33004664//	AD		С	Metal film resistor (RSMF3RB 47KΩJ)(100V series,except AR-405,505)	[R724,725,72
260	0FT23737748//	AD		С	Metal film resistor (RSMF2RB 68ΩJ)(100V series,except AR-405,505)	[R724,725,72 [R72
	0FT23476510//	AD		С	Metal film resistor (SPR1/2 330KΩJ)(200V series)	[R70
	0 F T 2 3 6 4 9 2 0 2 / /	AD		С	Metal film resistor (SPR2 L15 220KΩJ)(200V series)	[R7′
	0 F T 2 3 2 5 2 2 9 9 // 0 F T 2 3 2 5 2 3 3 7 //	AD AG		C	Metal film resistor (SPR1/2 220ΚΩJ)(200V series) Metal film resistor (SPR3 150ΚΩJ)(200V series)	[R711,7 ² [R724,725,7 ²
	0FT14136535//	AU		C		[R713,714,715,71
	0 F T 3 3 2 5 8 4 0 2 //	AU		C	Absover (ERZV14D681)(200V series)	[NR70
	0FT23467546//	AH		C	Connector (ELR-03V)(200V series)	[CN70
	0FT23413691//	AD		С	Connector (B3B-EH)(200V series)	[CN70
	0FT23697355//	AU		С	Absover (ERZV10D471)(100V series,except AR-405,505)	[NR70
	0FT14261925//	AH		С	Connector (ELR-02V)(100V series,except AR-405,505)	[CN70
	0 F T 2 3 3 2 3 6 6 8 / /	AR		С	Spacer (AP47120-001)(200V series)	
	0 F T 2 3 2 0 2 5 7 7 / /	AC		С	Spacer (AP47030-168)(200V series)	[1
	0FT23202569// 0FT23323668//	AC AR		C	Spacer (AP47030-169)(100V series,except AR-405,505) Spacer (AP47120-001)(100V series,except AR-405,505)	['
214	(Unit)	АП			Opace: (171 41 120-001)(100 v Selies, except An-400,000)	L
001	CPWBF1286FC31	CE		Е	DC Power supply PWB (100V series,except AR-405,505)	
901	CPWBF1287FC31	CE		Е	DC Power supply PWB (200V series)	
					T. Control of the con	

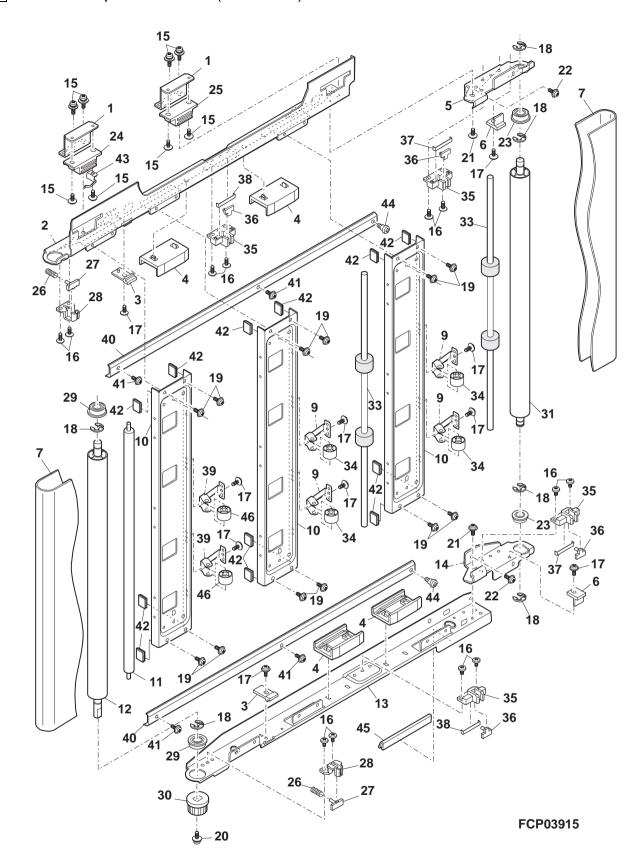
55 RADF Exteriors(for AR-405)

¥	<u> </u>	RADE EXIGIOIS(IOI				
	NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
ŀ	_		RANK	MARK		
ŀ		0 C W 2 2 1 4 K 3 2 6 //	BS		E	DF cover sub ass'y
ŀ		0 C W 2 2 1 4 P 1 2 7 //	AR		C	Lower cover
ŀ		0 C W 2 2 1 4 K 3 4 4 / /	BD		E	Hinge R ass'y
ŀ		0 C W E 4 5 0 0 0 0 4 3 3	AB		С	Edge saddle 1 (EDS-1)
ŀ		0 C W 2 2 3 4 P 1 0 4 / /	AG		С	Hinge stopper
,		0 C W E 4 5 0 0 0 0 0 7 0	AB		С	Wire clamp (NK-5N)
⚠		0 C W 2 2 1 4 K 2 4 0 // 0 C W 2 2 1 4 K 0 5 4 //	BE AH		В	ASM-IF-CG-A-harness
ŀ		0CW2214K054//	AD		С	Tension plate ass'y
ŀ		0CW2214P330//	AL		С	Belt tension spring DF motor bracket
ŀ		0 CW 2 2 1 4 P 1 1 0 / /	AR		C	Pulley (PLY-S2M-24)
ŀ		0 C W 2 2 2 3 P 4 0 4 //	BN		В	Motor (MOT-KH56KM2-017)
ŀ		0 C W E 1 2 0 0 0 0 8 7 0	AM		В	Microswitch (SS-5T)
ŀ		0 C W 2 2 1 4 P 1 2 6 //	AG		C	DF earth plate spring
ŀ		0 C W 2 2 1 4 P 1 1 7 //	AF		C	DF open switch plate
ŀ		0 CW 2 2 1 4 P 5 1 3 //	AG		C	Hinge earth plate spring
ŀ	17	0 C W 2 2 3 4 K 0 3 4 //	BD		E	Hinge L ass'y
ŀ		0CW2214P135//	ΑE		C	Interface plate
ı		0CW2214K208//	AS		C	ASM-drive interface harness
f	20	0CW2214K200//	AP		С	ASM-TR1 harness
ı	21	0CW2214K203//	AN		C	ASM-SNR harness
ı	22	0CW2214K206//	AN		С	ASM-sensor interface harness
ſ		0CW2214P068//	AM		D	Mentenance cover
ſ		0 C W E 4 5 0 0 0 0 3 6 8	AD		С	Clamp (T18MR)
		0 C W E 4 5 0 0 0 0 0 7 1	AC		С	Wire clamp (NK-6N)
		0 CW 2 2 1 4 P 1 4 0 //	ΑE		С	M plate
L		0 C W 2 2 3 4 K 2 2 2 / /	CA		Е	PBA control PWB
		0 CW 2 2 1 4 P 1 3 6 //	AG		С	Delivery collar plate spring
		0 CW 2 2 1 4 P 1 1 6 //	AE		С	DF fixing plate (100V series)
ŀ		0 CW 2 2 1 7 P 1 3 5 //	AG		С	DF fixing plate (200V series)
ŀ		0 C W 2 2 1 4 K 2 0 5 //	AL		C	ASM-LED harness
ŀ		0 C W 2 2 1 4 K 2 2 3 //	AU		E	PBA-LED PWB
ŀ		0 C W 0 4 0 0 6 0 F Z T P	AA		С	Screw (4×6)
ŀ		0 C W 0 4 0 0 4 0 F Z i T 0 C W 0 3 0 0 6 0 F Z T P	A A		С	Screw (4×4)
ŀ		0 C W 0 3 0 0 8 0 F N B i	AA		C	Screw (3×6) Screw (4×8)
ŀ		0CW040080FNB1	AC		C	Screw (4×6)
ŀ		0 C W 2 1 0 0 F 0 9 1 / /	AA		C	Screw (4×6)
ŀ		0 C W 0 3 0 0 6 0 F Z W S	AA		C	Screw (3×6)
ŀ		XRESP20-04000	AA		C	E type ring
ŀ		0 C W 0 4 0 0 8 0 F Z B i	AA		Č	Screw (4×8)
ŀ		0 C W 0 4 0 0 6 0 F P W P	AA		Č	Screw (4×6)
ı		0 C W 0 2 3 1 2 0 F B W S	AB		C	Screw (2.3×12)
ı		0CW812531////	AA		C	Screw (3×8)
ı	44	0CW1001P441//	AG		С	Bolt (3×6)(BOT-SW-HW CAP)
Ī	45	0CW2185P359//	AB		С	Screw (4×12)
		0 C W 0 3 0 0 8 0 F Z B B	AB		С	Screw (3×8)
l		0CW2185P358//	AB		С	Screw (4×8)
L		0 C W 0 3 0 1 0 0 F B B B	AB		С	Screw (3×10)
ŀ		0 C W 2 2 2 4 P 3 3 3 //	AN		D	Display panel LN
ŀ		0CW2095P053//	AE		С	Flange A
		0 C W 2 2 1 4 P 4 5 3 //	AD		С	Delivery collar sheet
ŀ		0 CW 2 1 6 6 P 2 6 5 //	AF		С	Spacer rubber
ŀ		0 C W 2 1 5 8 P 0 0 3 D / 0 C W 2 2 1 4 P 5 1 2 / /	AF AG		C	Switch lever
ŀ		0CW2214P512// 0CW2168P010//	AG		C	Hinge cover R tension collar
ŀ		0CW2188P010//	AU		C	Protect rubber
ŀ		0CW2221F336//	AE		C	A damper sheet W
ŀ		0 C W 2 2 1 4 P 4 9 7 //	AE		C	A damper sheet S
ŀ		0 C W 2 2 1 4 P 4 8 9 //	AH		C	Protect sheet L
ŀ		0 C W 2 2 1 4 P 4 9 0 //	AG		C	A side plate R damper
ı		0 C W 2 1 5 8 P 5 0 4 //	AK		Č	Rubber support
ı		0 C W 0 4 0 0 6 0 F Z W S	AA		C	Screw (4×6)
ļ		0CW2214P498//	ΑE		С	Stopper cushion 4
ı		0CW2180P333//	AC		С	Screw (3×6)
		0 C W E 2 4 0 0 0 0 3 0 9	AP		В	Core (044S-665802)
[0CW2205P042//	AD		С	Delivery collar
		0CW2144P409//	AB		С	Screw (3×6)
ļ		0 C W 0 3 0 0 3 0 F N i T	AB		С	Screw (3×3)
ļ		0 C W 2 0 7 8 P 1 1 9 B /	AB		С	Screw
ļ		0 C W E 7 4 3 8 2 W E 0 3	AL		С	CT-interface connector
		0 C W 2 2 3 4 K 2 0 3 //	AG		С	ASM-earth wire SG
ŀ		0 C W E 2 4 0 0 0 0 3 5 6	AS AU		C	Feright core (ZCAT-2035-0930A)
ŀ	501	0 C W 2 2 1 4 K 2 1 7 / /	AU		U	ASM-TR1-C harness
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56 RADF Transport belt section(for AR-405)

1 OC	RADF Transport be		uon(i	or AF	(-405)
NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
	0 CW 2 2 1 4 P 1 1 4 //	RANK AK	MARK	RANK C	
	0 CW 2 2 1 4 P 1 1 1 1 //	AS		C	MG catch holder DF side plate F
	0 C W 2 2 1 4 P 0 4 3 //	AD		C	DF spacer L
	0 C W 2 2 1 4 P 0 4 4 / /	AF		C	Belt guide
	0 C W 2 2 1 4 P 1 3 8 //	AH		С	Belt tension plate F
	0 C W 2 2 1 4 P 0 4 2 / /	AD		С	DF spacer R
	0 C W 2 2 1 4 P 5 7 5 //	BR		В	DF belt (CGR)
	0 C W 2 2 1 4 P 1 4 1 // 0 C W 2 2 1 4 P 1 1 8 B /	AH		C	Fixer collar plate spring Fixer collar stay S
	0 CW 2 2 1 4 P 1 1 8 B /	AM AZ		C	Roller SHP
	0 CW 2 2 1 4 P 3 2 2 //	BB		C	Belt roller L
	0 C W 2 2 1 4 P 1 1 2 //	AW		C	DF side plate R
	0CW2214P139//	AH		C	Belt tension plate R
15	0CW030060FZSW	AA		С	Screw (3×6)
	0CW4016P167//	AC		С	Screw (SCR030050)
	0CW030060FZTP	AA		С	Screw (3×6)
18	XRESP70-08000	AA		С	E type ring
	0 C W 0 3 0 0 6 0 F N T P	AB		C	Screw (3×6)
	0 C W 0 3 0 0 8 0 F Z W S 0 C W 2 0 7 8 P 0 2 3 B /	A A		C	Screw (3×8)
	0 C W 0 3 0 0 6 0 F Z W S	AA		C C	Screw (M3) Screw (3×6)
	0 C W 6 5 0 5 9 3 / / /	AU		В	Bearing (BRG-LF-1280ZZ)
24	0 CW 2 2 1 4 P 3 9 3 //	AG		В	Magnet catch 13N
	0 C W 2 2 1 4 P 3 9 3 //	AG		В	Magnet catch 13N
26	0CW2205P360//	AD		С	Roller spring
	0 C W 2 1 6 4 P 1 4 2 //	AF		С	Belt roller spring holder
	0 C W 2 2 1 4 P 0 5 1 //	AD		С	Holder S
29	0 CW 2 1 6 0 P 3 4 4 //	AR		В	Bearing (BRG8-16)
30	0 CW 2 1 8 5 P 0 2 3 //	AE		В	A belt pulley 30
	0 C W 2 2 1 4 P 3 2 1 // 0 C W 2 2 0 5 P 3 5 1 //	BB AU		C C	Belt roller R Belt fixing roller
	0 CW 2 1 5 8 P 0 3 5 A /	AD		C	Fixing collar
	0 CW 2 2 0 5 P 0 3 7 //	AE		C	Fixing holder
36	0 C W 2 2 0 5 P 0 2 5 //	AD		C	Pressure spacer
	0CW2205P147//	AC		С	Fixing roller spring
	0CW2205P147//	AC		С	Fixing roller spring
	0CW2214P157//	AK		С	Fixing collar plate spring L
	0CW2214P520//	AU		С	Fixing holder
	0 C W 0 3 0 0 6 0 F Z i T	AA		С	Screw (3×6)
	0 C W Z 0 0 3 0 W E 0 0 4	AC		C	Ege saddle (CE-012S)
	0 CW 2 2 1 4 P 1 4 9 / /	AG		C	MG earth plate
	0 C W 2 2 1 4 P 5 6 9 // 0 C W 2 2 3 4 P 4 1 0 //	AB AR		C	Screw M3 Gasket 2234 (200V series)
	0 C W 2 1 9 8 P 3 0 5 //	AH		C	Fixing coller H
70	00112100100077	701			TIMING CONCETT
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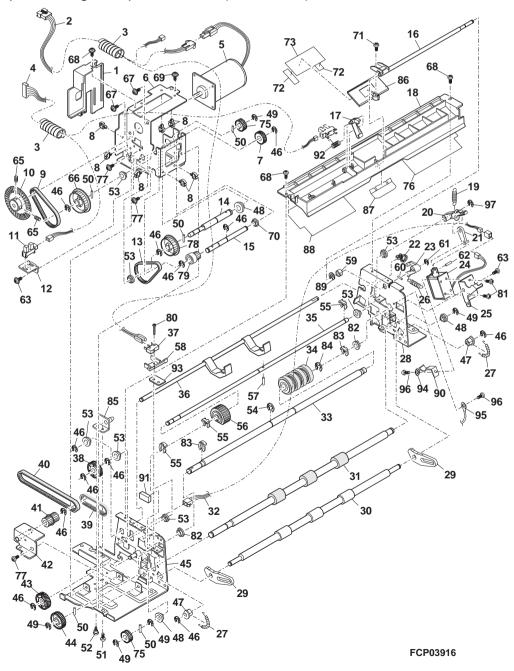
57 RADF Paper feeding transport section 1(for AR-405)

NO. PARTS CODE SANK MARK PANK			KADE Paper leedin		NEW	PART	, , , , , , , , , , , , , , , , , , ,
2 0 W 2 1 4 2 0 9 7 AB		NO.	PARTS CODE	RANK	MARK	RANK	DESCRIPTION
3 0 W 2 2 1 4 P 3 0 5 // AH							
4 0 W 2 2 1 4 P 10 2 V 4 // AH	ŀ						
A. 6 0 CW 2 2 3 4 P 4 0 1 / 7 SM 6 0 CW 2 1 4 P 10 3 P / 7 AT 7 CW 2 1 4 P 10 4 P / 7 AT 7 CW 2 1 4 P 10 4 P / 7 AT 7 CW 2 1 4 P 10 4 P / 7 AT 7 CW 2 1 4 P 10 4 P / 7 AT 7 CW 2 1 4 P 10 4 P / 7 AT 7 CW 2 1 4 P 10 4 P / 7 AT 8 C C Const pulsey (PLY-SDM-20) 9 CW 2 2 1 4 P 10 4 P / 7 AP 10 CW 2 2 1 4 P 10 4 P / 7 AP 11 CW 2 2 1 4 P 10 4 P / 7 AP 11 CW 2 2 1 4 P 10 4 P / 7 AP 11 CW 2 2 1 4 P 10 4 P / 7 AP 11 CW 2 2 1 4 P 10 7 / AP 11 CW 2 2 1 4 P 10 7 / AP 11 CW 2 2 1 4 P 10 7 / AP 11 CW 2 2 1 4 P 10 7 / AP 11 CW 2 2 1 4 P 10 7 / AP 11 CW 2 2 1 4 P 10 7 / AP 11 CW 2 2 1 4 P 10 7 / AP 12 CW 2 1 4 P 10 7 / AP 13 CW 2 2 1 4 P 10 2 A P 14 CW 2 2 1 4 P 10 2 A P 15 CW 2 2 1 4 P 10 2 A P 16 CW 2 2 1 4 P 10 2 A P 17 CW 2 1 4 P 10 2 A P 18 CW 2 1 4 P 10 2 A P 19 CW 2 1 4 P 10 2 A P 20 CW 2 1 4 P 10 2 A P 21 CW 2 1 4 P 10 2 A P 22 CW 2 1 4 P 10 2 A P 23 CW 2 1 4 P 10 4 P 24 CW 2 1 4 P 10 4 P 25 CW 2 1 4 P 10 4 P 26 CW 2 1 4 P 10 4 P 27 CW 2 1 4 P 10 4 P 28 CW 2 1 4 P 10 4 P 29 CW 2 1 4 P 10 4 P 20 CW 2 1 4 P 10 4 P 20 CW 2 1 4 P 10 4 P 20 CW 2 1 4 P 10 4 P 21 CW 2 1 4 P 10 4 P 22 CW 2 1 4 P 10 4 P 23 CW 2 1 4 P 10 4 P 24 CW 2 1 4 P 10 4 P 25 CW 2 1 4 P 10 4 P 26 CW 2 1 4 P 10 4 P 27 CW 2 1 4 P 10 4 P 28 CW 2 1 4 P 10 4 P 29 CW 2 1 4 P 10 4 P 20 CW 2 1 4	ŀ					_	
G C W 2 1 4 P 1 0 4 / Y A C Fr motor brackets T C C W 2 1 4 P 1 6 Y A S C Genry (GERPA 264/0W) C C C Genry (GERPA 264/0W) C C C Genry (GERPA 264/0W) C C C C Genry (GERPA 264/0W) C C C C C Genry (GERPA 264/0W) C C C C C C Genry (GERPA 264/0W) C C C C C C C C C C	A					_	
B 0 C W E 4 5 0 0 0 0 9 7 AC C C Camp (JAMAG-05S-W)							
9 0 C W 2 1 4 P 3 4 1 / / AP						_	
10 CW 2 1 P 3 4 O 7 A A C Cock pulser (FLY SEM 20)	ŀ						
11 0 C W E 3 4 0 0 0 5 3 AN B Photo interruster (TIP1229CS)	ŀ						
13 C W 2 2 4 P 2 0 5 / A P	ı	11	0 C W E 3 1 4 0 0 0 5 3 1				Photo interrupter (TLP1225(C5))
14 0 C W 2 2 4 P 2 0 5 // AP	ı						
15 0 C W 2 2 1 A P 2 0 S / / A K C Shell 1	ŀ						
16 0 C W 2 2 1 4 P 0 1 9 / / AP	ŀ						
18 0 C W 2 2 1 4 P 1 0 7 / / A T		16	0CW2214P019//			С	Weight lever shaft
19 0 C W 2 2 1 4 P 3 1 4 J / A D C Shutter spring	ŀ						
20 0 C W 2 2 1 4 P 0 3 8 P / AE	ŀ					_	
21 0 C W 2 2 1 4 P 0 3 6 // AE	ŀ						
23 0 C W 2 2 1 4 P 0 2 1 // A E		21	0CW2214P036//	ΑE		С	Shutter link
24 0 C W 2 2 1 4 P 1 0 3 7	ļ						
25 0 C W 2 1 4 P 3 1 3 / / AD							
28 0 C W 2 1 4 P 3 3 // AD	ŀ						
28 0 C W 2 2 1 4 P 1 0 4 F / AR	ı	26	0CW2214P313//	AD		С	
29 0 C W 2 2 1 4 P 0 2 2 / / AX							
30 0 C W 2 2 1 4 P 3 0 2 / / AX	ŀ						
31 0 CW 2 2 1 4 K 2 1 6 / / AH	ŀ						
32 0 CW 2 2 1 4 F 2 10 6 // AZ	ı						
34 0 C W 2 2 1 4 P 3 3 9 / /	ı	32	0 C W 2 2 1 4 K 2 1 6 / /			_	
36 O.C.W. 2.1 A.P. 2.0 1.//							
36 C W 2 2 1 4 P 3 0 D D	ŀ						
38	ŀ						
39 O C W 2 2 1 4 P 3 1 8 // AQ	ı			AM			
A0 O C W 2 2 1 4 P 3 2 0 /							
11 0 C W 2 2 1 4 F 0 3 1 / / A	ŀ						
42 0 C W 2 2 1 4 K 0 3 3 / / AS	ŀ						
44 0 C W 2 2 1 4 P 0 3 2 // AF C Gear (GER-0.75-32H) 45 0 C W 2 2 1 4 K 0 2 7 E / AX C A side plate R assy 46 XR E S P 5 0 - 0 6 0 0 0 0 AA C E type ring 47 0 C W 6 9 0 3 8 1 // // AE C Bearing (BMR) 48 0 C W 3 1 9 3 0 0 // // AD B Bearing (BMR) 49 XR E S P 7 0 - 0 8 0 0 0 AA C E type ring 50 0 C W H P 0 2 0 1 2 0 S C AC C Pin (42-12) 51 0 C W 1 0 0 1 P 4 4 1 // AG C Bott (3-6) (BOT-SW-HW CAP) 52 0 C W 2 0 7 8 P 0 2 3 B / AC C Screw (MS) 53 0 C W 2 1 5 8 P 5 2 1 B / AC C Screw (MS) 55 0 C W 2 1 6 P 0 3 4 B / AC C C C D; AC C C C D; AC C C C D; AC C C C C C C C C C C C C C C C C C C	ı	42	0CW2214K033//				
48							
46							
47 0 C W 6 9 0 3 8 1 / / / AE	ŀ						
## 8 0 C W 3 1 9 3 0 0 / / / / AD B Bearing (BMM) ## X R E S P 7 0 - 0 8 0 0 0	ŀ						
50	ı					В	Bearing (8MM)
51	ŀ	-					
52	ŀ						
54	ı						
S5 0 C W 2 1 6 6 P 0 3 4 B / AC	ļ	53	0CW2158P521B/	ΑE		С	Bearing 6
56 0 C W 2 2 1 4 P 4 7 1 // AQ C Semicircular roller SHP 57 0 C W P O 2 0 1 4 0 S C AC C Pin (#2-14) 58 0 C W 2 1 5 8 P 0 0 3 D / AF C Switch lever 59 0 C W 3 3 8 4 3 2 2 // // AC B Bearing 4 60 0 C W H P 0 2 0 0 6 0 S C AC C Pin (#2-6) 61 X R E S P 3 0 - 0 5 0 0 0 AA C E type ring 62 0 C W S P 0 3 0 1 0 0 F P AC C Spring pin (#3×10) 63 0 C W 0 3 0 0 6 0 F Z T P AA C Screw (3×6) 65 0 C W 0 3 0 0 6 0 F Z T P AA C Screw (3×6) 65 0 C W 0 3 0 0 6 0 F Z i T AA C PUlley (PLY-S2M-56) 67 0 C W 0 3 0 0 6 0 F Z i T AA C Screw (3×6) 68 0 C W 4 0 1 6 P 1 6 7 // AC C Screw (3×6) 69 0 C W 2 1 5 P 3 7 7 // AB C Screw (3×4) 70 0 C W 3 3 8 4 2 2 // // AB B Bearin							
57 0 C W H P 0 2 0 1 4 0 S C AC C Pin (\$\phi 2-14\$) 58 0 C W 2 1 5 8 P 0 0 3 D / AF C Switch lever 59 0 C W 3 3 8 4 3 2 / / / AC B Bearing 4 60 0 C W H P 0 2 0 0 6 0 S C AC C Pin (\$\phi 2-6\$) 61 X R E S P 3 0 - 0 5 0 0 0 AA C E type ring 62 0 C W S P 0 3 0 1 0 0 F P AC C Spring pin (\$\phi 3\times 10\$) 63 0 C W 3 0 0 6 0 F Z T P AA C Screw (3\times 6) 65 0 C W 0 3 0 0 8 0 F P W P AB C Screw (3\times 6) 66 0 C W 2 1 9 8 P 0 0 3 / AH C Pulley (PLY-S2M-56) 67 0 C W 0 3 0 0 6 0 F Z i T AA C Screw (3\times 6) 68 0 C W 4 0 1 6 P 1 6 7 / AC C Screw (3\times 4) 69 0 C W 2 1 5 8 P 3 7 7 / AB C Screw (3\times 4) 70 0 C W 3 3 8 4 2 2 / / / AB B Bearing 6 71 0 C W 0 3 0 0 8 0 F Z W S AA C Screw (3\times 8) 72 0 C W 2 2 1 4 P 4 6 9 / AE C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 2 75 0 C W 2 1 6 8 P 0 2 9 / AF C Gear (6ER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 / AH C C Pulley (PLY-S2M-50) 78 0 C W 2 1 6 8 P 0 3 0 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 P B W S AC C Screw (3\times 3)	-						
58 0 C W 2 1 5 8 P 0 0 3 D / AF C Switch lever 59 0 C W 3 3 8 4 3 2 / / / AC B Bearing 4 60 0 C W HP 0 2 0 0 6 0 S C AC C Pin (\$\phi^2 - 6\$) 61 X R E S P 3 0 - 0 5 0 0 0 AA C E type ring 62 0 C W S P 0 3 0 1 0 0 F P AC C Spring pin (\$\phi^3 \times 10\$) 63 0 C W 0 3 0 0 6 0 F Z T P AA C Screw (3.6) 65 0 C W 0 3 0 0 8 0 F P W P AB C Screw (3.8) 66 0 C W 2 1 9 8 P 0 0 3 / AH C Pulley (PLY-S2M-56) 67 0 C W 0 3 0 0 6 0 F Z T T AA C Screw (3.6) 68 0 C W 4 0 1 6 P 1 6 7 / AC C Screw (3.8) 69 0 C W 2 1 5 8 P 3 7 7 / AB C Screw (3.4) 70 0 C W 3 3 8 4 2 2 / / / AB B Bearing 6 71 0 C W 0 3 0 0 8 0 F Z W S AA C Screw (3.8) 72 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 2 76 0 C W 2 1 6 8 P 0 2 9 / AF C Gear (GER-0.75-21H-L) 77 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 78 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUR sheet F-K 77 0 C W 0 4 0 0 6 0 F Z B P AB C Screw (4.6) 78 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C PUlley (PLY-S2M-56) 79 0 C W 2 1 6 8 P 0 3 0 / AG C Screw (2.3x-14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (2.3x-14)	ı						
60 0 C W H P 0 2 0 0 6 0 S C AC C Pin (φ2-6) 61 X R E S P 3 0 - 0 5 0 0 0 AA C E type ring 62 0 C W S P 0 3 0 1 0 0 F P AC C Spring pin (φ3×10) 63 0 C W 0 3 0 0 6 0 F Z T P AA C Screw (3×6) 65 0 C W 0 3 0 0 8 0 F P W P AB C Screw (3×8) 66 0 C W 2 1 9 8 P 0 0 3 / / AH C Pulley (PLY-S2M-56) 67 0 C W 0 3 0 0 6 0 F Z i T AA C Screw (3×6) 68 0 C W 4 0 1 6 P 1 6 7 / / AC C Screw (3×6) 69 0 C W 2 1 5 8 P 3 7 7 / / AB C Screw (3×4) 70 0 C W 3 3 8 4 2 2 / / / AB B Bearing 6 71 0 C W 2 2 1 4 P 4 6 9 / AE C Screw (3×8) 72 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 2 75 0 C W 2 1 1 4 P 4 7 1 / A H C C Screw (4×6) 76 0 C W 2 1 6 8 P 0 2 9 / AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 / A H C C Screw (4×6) 77 0 C W 0 2 1 6 8 P 0 3 0 / AG C Pulley (PLY-S2M-50) 78 0 C W 2 1 6 8 P 0 3 0 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 6 8 P 0 3 0 / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 P 4 5 P M S AC C Screw (4×6) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (3×3) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (3×3) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (3×3)	ĺ	58	0CW2158P003D/	AF		С	Switch lever
61							
62 0 C W S P 0 3 0 1 0 0 F P AC C Spring pin (\$3×10) 63 0 C W 0 3 0 0 6 0 F Z T P AA C Screw (3×6) 65 0 C W 0 3 0 0 8 0 F P W P AB C Screw (3×8) 66 0 C W 2 1 9 8 P 0 0 3 / AH C Pulley (PLY-S2M-56) 67 0 C W 0 3 0 0 6 0 F Z i T AA C Screw (3×6) 68 0 C W 4 0 1 6 P 1 6 7 / AC C Screw (3×6) 69 0 C W 2 1 5 8 P 3 7 7 / AB C Screw (3×4) 70 0 C W 3 3 8 4 2 2 / / / AB B Bearing 6 71 0 C W 0 3 0 0 8 0 F Z W S AA C Screw (3×8) 72 0 C W 2 2 1 4 P 4 6 9 / AE C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 75 0 C W 2 1 6 8 P 0 2 9 / AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 / AH C C C Screw (4×6) 77 0 C W 0 4 0 0 6 0 F Z B P AB C Screw (4×6) 78 0 C W 2 1 6 8 P 0 3 7 / AS C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AS C Pulley (PLY-S2M-50) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)	ŀ						
63 0 C W 0 3 0 0 6 0 F Z T P AA C Screw (3×6) 65 0 C W 0 3 0 0 8 0 F P W P AB C Screw (3×8) 66 0 C W 2 1 9 8 P 0 0 3 / AH C Pulley (PLY-S2M-56) 67 0 C W 0 3 0 0 6 0 F Z i T AA C Screw (3×6) 68 0 C W 4 0 1 6 P 1 6 7 / AC C Screw (3×6) 69 0 C W 2 1 5 8 P 3 7 7 / AB C Screw (3×4) 70 0 C W 3 3 8 4 2 2 / / / AB B Bearing 6 71 0 C W 0 3 0 0 8 0 F Z W S AA C Screw (3×8) 72 0 C W 2 2 1 4 P 4 6 9 / AE C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 75 0 C W 2 1 6 8 P 0 2 9 / AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 / AH C C C Screw (4×6) 78 0 C W 2 1 4 2 P 0 3 7 / AS C PUlley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / AS C Pulley (PLY-S2M-50) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (23×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×6)							
66 0 C W 2 1 9 8 P 0 0 3 // AH C Pulley (PLY-S2M-56) 67 0 C W 0 3 0 0 6 0 F Z i T AA C Screw (3×6) 68 0 C W 4 0 1 6 P 1 6 7 // AC C Screw (SCR030050) 69 0 C W 2 1 5 8 P 3 7 7 // AB C Screw (3×4) 70 0 C W 3 3 0 8 0 F Z W S AA C Screw (3×8) 71 0 C W 0 3 0 0 8 0 F Z W S AA C Screw (3×8) 72 0 C W 2 2 1 4 P 4 6 9 // AE C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 75 0 C W 2 1 6 8 P 0 2 9 // AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 // AH C C Curl sheet F-K 77 0 C W 0 4 0 0 6 0 F Z B P AB C Screw (4×6) 78 0 C W 2 1 6 8 P 0 3 0 // AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 // AS C Pulley (PLY-S2M-50) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)	ı	63	0CW030060FZTP	AA		С	Screw (3×6)
67 0 C W 0 3 0 0 6 0 F Z i T							
68 0 C W 4 0 1 6 P 1 6 7 // AC C Screw (SCR030050) 69 0 C W 2 1 5 8 P 3 7 7 // AB C Screw (3×4) 70 0 C W 3 3 8 4 2 2 // // AB B Bearing 6 71 0 C W 0 3 0 0 8 0 F Z W S AA C Screw (3×8) 72 0 C W 2 2 1 4 P 4 6 9 // AE C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B // AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 // AH C Gurl sheet F-K 77 0 C W 0 4 0 0 6 0 F Z B P AB C Screw (4×6) 78 0 C W 2 1 6 8 P 0 3 0 // AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 // AS C Pulley (PLY-S2M-50) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (3×3) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)	ŀ		II.				
69 0 C W 2 1 5 8 P 3 7 7 // AB	ŀ						
71 0 C W 0 3 0 0 8 0 F Z W S AA C Screw (3×8) 72 0 C W 2 2 1 4 P 4 6 9 // AE C PWR sheet 2 73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 75 0 C W 2 1 6 8 P 0 2 9 // AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 1 // AH C Curl sheet F-K 77 0 C W 0 4 0 0 6 0 F Z B P AB C Screw (4×6) 78 0 C W 2 1 6 8 P 0 3 0 // AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 // AS C Pulley (PLY-18 O/W G373) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×8)	ļ	69	0CW2158P377//	AB		С	Screw (3×4)
72 0 C W 2 2 1 4 P 4 6 9 / / AE							
73 0 C W 2 2 1 4 P 4 5 6 B / AG C PWR sheet 75 0 C W 2 1 6 8 P 0 2 9 / / AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 / / AH C Curl sheet F-K 77 0 C W 0 4 0 0 6 0 F Z B P AB C Screw (4×6) 78 0 C W 2 1 6 8 P 0 3 0 / / AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 / / AS C Pulley (PLY18 O/W G373) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)	-						
75 0 C W 2 1 6 8 P 0 2 9 // AF C Gear (GER-0.75-21H-L) 76 0 C W 2 2 1 4 P 4 9 1 // AH C C Curl sheet F-K 77 0 C W 0 4 0 0 6 0 F Z B P AB C Screw (4×6) 78 0 C W 2 1 6 8 P 0 3 0 // AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 // AS C Pulley (PLY-18 O/W G373) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)	-						
76 0 C W 2 2 1 4 P 4 9 1 / / AH	ı						
78 0 C W 2 1 6 8 P 0 3 0 // AG C Pulley (PLY-S2M-50) 79 0 C W 2 1 4 2 P 0 3 7 // AS C Pulley (PLY18 O/W G373) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)						С	Curl sheet F-K
79 0 C W 2 1 4 2 P 0 3 7 / / AS C Pulley (PLY18 O/W G373) 80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)			II.				
80 0 C W 0 2 3 1 4 0 F B W S AC C Screw (2.3×14) 81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3×3)	ŀ						
81 0 C W 0 3 0 0 3 0 F Z i T AB C Screw (3x3)	ŀ						
82 0 C W 2 0 7 8 P 6 5 2 / / AE C Bearing 8	Ì	81	0 C W 0 3 0 0 3 0 F Z i T	AB		С	Screw (3×3)
	Į	82	0CW2078P652//	ΑE		С	Bearing 8

[57] RADF Paper feeding transport section 1(for AR-405)

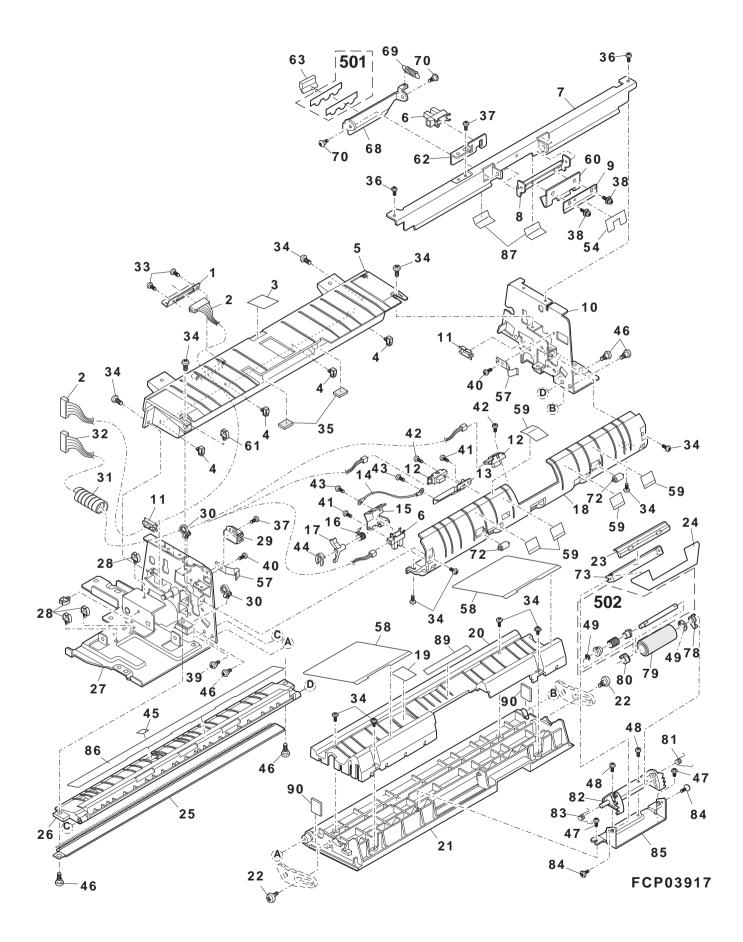
		<u> </u>			,
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
83	0CW2088P034//	AK		С	Stopper 6
	0CW2095P310//	AD		С	Stopper 8
	0CW2214K101//	ΑL		С	DF support plate ass'y
	0CW2234P008//	AG		С	Weight
87	0CW2214P524//	AG		С	Weight sheet
88	0 C W 2 2 1 4 P 4 9 2 / /	AH		С	Curl sheet R-K
89	0CW2129P188//	AD		С	Crip (CLIP 3)
90	0CW2223P101//	AD		С	A earth spring
91	0CW2214P531//	AC		С	Spacer
	0CW2234P301//	AF		С	Lever spring
	0 C W 2 2 1 4 P 5 2 8 //	AC		С	MSW sheet
	0 C W H W 0 3 0 F Z M / /	AA		С	Washer
	0CW2198K239//	AG		С	ASM earth wire 2
96	0 C W 0 3 0 0 3 0 F N i T	AB		С	Screw (3×3)
97	XRESP40-06000	AA		С	E type ring
	·				

57 RADF Paper feeding transport section 1(for AR-405)



58 RADF Paper feeding transport section 2(for AR-405)

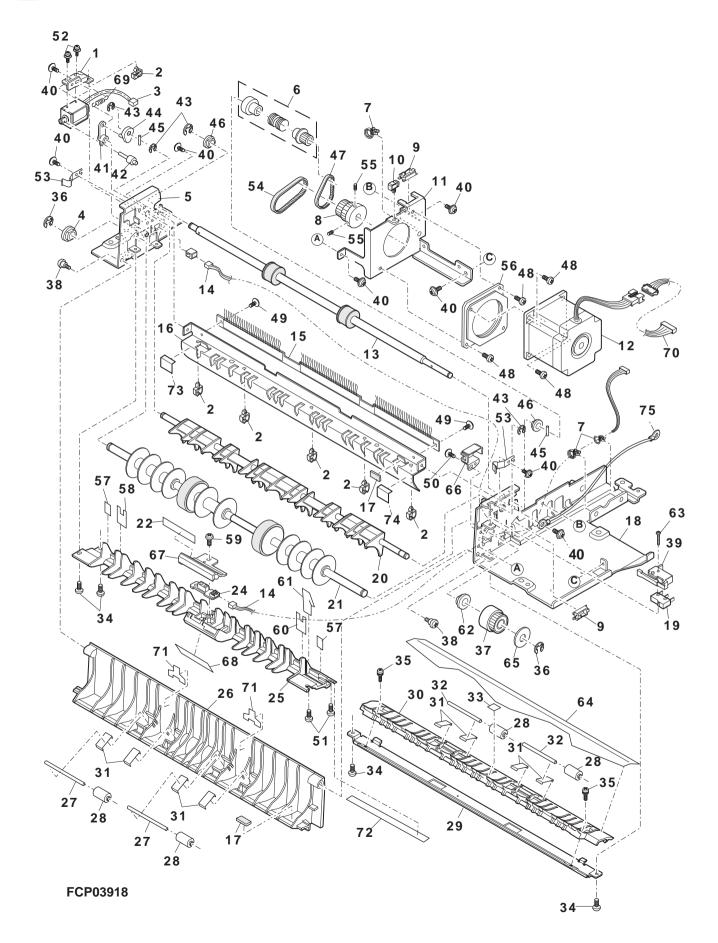
58 1	RADF Paper feedin	g trar	nspor	sect	ion 2(for AR-405)
NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
	0 CW 2 2 1 4 P 1 0 2 //	RANK A E	MARK	RANK C	
	0 C W 2 2 1 4 K 2 0 1 //	AP		C	Tray connector bracket ASM-TR2 harness
	0 CW 2 2 1 4 P 3 4 3 //	AE		C	Pick up sheet
	0 C W E 4 5 0 0 0 0 8 9 6	AC		C	Clamp (UAMS-02WH-2)
	0CW2214P061//	AY		С	A tray guide
	0 C W E 3 1 4 0 0 0 5 2 8	AL		В	Photo interrupter (TLP1240(C5))
	0 CW 2 2 1 4 P 1 3 2 D /	AM		C	Stay
	0 C W 2 2 1 4 P 1 3 1 //	AG		C	Bracket
	0 C W 2 2 1 4 P 1 5 5 // 0 C W 2 2 1 4 P 1 0 4 F /	AG AR		C	Plate 2 A side plate F
	0 C W E 4 5 0 0 0 0 4 3 3	AB		C	Edge saddle 1 (EDS-1)
	0 C W 2 2 1 4 K 2 2 4 //	AS		E	PBA-sensor PWB
	0 CW 2 2 1 4 P 1 3 4 / /	AF		C	Resist sensor bracket
14	0 C W 2 2 1 4 K 2 1 4 / /	AG		С	ASM-earth wire W
15	0 C W 2 2 1 4 K 0 3 2 / /	AK		С	Sensor bracket ass'y
	0 C W 2 2 1 4 P 3 1 1 //	AF		С	Sensor spring
	0 C W 2 2 1 4 P 0 3 0 //	AE		C	Sensor lever
	0 C W 2 2 1 4 P 0 0 9 / /	AX		C	U-turn guide
	0 C W 2 2 1 4 P 3 0 7 // 0 C W 2 2 1 4 P 0 6 7 //	AD AU		C	Seal Project quide
	0 C W 2 2 1 4 P 0 6 2 //	BA		C	Resist guide Paper feeding cover
	0 C W 2 2 1 4 P 0 6 2 / /	AD		C	Screw
	0 C W 2 2 1 4 P 0 3 5 C /	AF		C	Fixing plate
	0 C W 2 2 1 4 P 3 4 4 / /	ΑE		C	Sheet
	0CW2214P306//	ΑV		В	A discharge brush
	0CW2214P063//	ΑV		С	Resist guide
	0 C W 2 2 1 4 K 0 2 7 E /	AX		С	A side plate R ass'y
	0 C W E 4 5 0 0 0 0 8 9 7	AC		С	Clamp (UAMS-05SN-W)
	0 C W E 4 F 0 0 0 0 8 7 1	AD		C	MSW cover
	0 C W E 4 5 0 0 0 0 8 7 1 0 C W 2 2 1 4 P 4 0 6 //	AB AD		C C	Snap band (SG-110) SP tube 2
	0 C W 2 2 1 4 K 2 0 7 //	AM		C	ASM-sensor 2 harness
33	0 C W 0 3 0 0 8 0 F Z B B	AB		C	Screw (3×8)
	0 C W 0 3 0 0 6 0 F Z B i	AA		C	Screw (3×6)
35	0CW2199P368//	AD		С	Stopper cushion
	0CW2158P377//	AB		С	Screw (3×4)
	0 C W 0 3 0 0 6 0 F Z B P	AA		С	Screw (3×6)
	0 C W 0 3 0 0 4 0 F Z W S	AA		С	Screw (3×4)
	0 C W 2 0 7 8 P 0 2 3 B /	AC		C	Screw (M3)
	0 C W 0 3 0 0 6 0 F Z T P 0 C W 0 3 0 0 4 0 F Z B i	A A		C C	Screw (3×6) Screw (3×4)
	0 C W 0 3 0 0 4 0 F Z B i	AA		C	Screw (3×10)
	0 C W 0 3 0 0 6 0 F N B i	AA		C	Screw (3×6)
	0 CW 2 1 2 9 P 1 8 8 / /	AD		C	Crip (CLIP 3)
45	0CW2198P302//	AD		С	Mirror seal
	0CW2078P086B/	AB		С	Screw 2.2 (M3)
	0 C W 0 3 0 0 4 0 F Z i T	AA		С	Screw (3×4)
	0 C W 4 0 1 6 P 1 6 7 / /	AC		C	Screw (SCR030050)
	XRESP40-06000	AA		С	E type ring
	0 C W 2 2 1 4 P 4 7 7 // 0 C W 2 2 1 4 P 4 5 5 //	AH AE		C	Front plate rubber Lock plate spring
	0 C W 2 2 1 4 P 5 2 1 //	AF		C	Resist guide sheet
	0 C W 2 2 1 4 P 4 5 8 //	AG		C	U turn guide sheet
	0 C W 2 2 1 4 P 1 5 4 D /	AH		C	Spring
	0 C W E 4 5 0 0 0 0 5 7 4	AC		С	Wire clamp (UAMS-05S-2)
	0 C W 2 2 1 4 P 1 4 4 / /	AF		С	EMP sensor bracket
	0 C W 2 2 3 4 P 3 2 2 / /	AH		С	Rubber 1
	0 C W 2 2 2 3 P 1 0 2 / /	AH		С	Plate 1
	0 C W 2 2 1 4 P 4 8 5 // 0 C W 2 0 7 8 P 1 1 9 B /	AD AB		C	Spring Serow
	0CW2078P119B/	AB		C	Screw Resist collar
	0 C W 2 2 0 5 P 1 5 3 //	AF		С	Separator stay
	0 C W 2 2 0 5 P 0 5 2 //	AE		C	Slide bearing
	0 C W 2 2 3 1 K 0 6 4 //	AY		Č	Separator roller DX
	0CW2205P051//	ΑE		В	Bearing (φ5)
	0 C W 2 2 1 4 P 3 9 1 //	AG		С	Separator pressure spring F
	0CW2205P035//	AF		C	Separator roller holder
	0 C W 2 2 1 4 P 3 9 2 / /	AG		С	Separator pressure spring R
	0 C W 0 2 0 0 5 0 F Z S A	AB AK		C	Screw (2×5)
	0 C W 2 2 0 5 P 1 5 2 / / 0 C W 2 2 1 4 P 3 7 6 / /	AH		C	Separator bracket Resist sheet
	0 C W 2 2 1 4 P 4 9 3 //	AG		С	Stay edge sheet
	0 C W 2 2 1 4 P 4 5 4 //	AD		C	Sheet
	0 C W 2 1 5 8 P 3 4 8 A /	AD		Č	Cushion
501	0CW2214K116//	AH		Ē	Sheet ass'y
502	0CW2234K176//	AU		Е	Separator shaft ass'y IS
					
 					
	1				



59 RADF Reversion transport section(for AR-405)

59	RADF Reversion tra	anspo	ort sec	ction(for AR-405)
NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
		RANK	MARK	RANK	
	0 C W 2 2 1 4 P 1 1 3 //	AF		С	Flapper solenoid bracket
	0 C W E 4 5 0 0 0 0 5 7 4	AC		<u>C</u>	Wire clamp (UAMS-05S-2)
	0 CW 2 2 1 4 P 4 0 2 //	AU		В	Solenoid (SOL-TDS-06A-4013)
	0 CW 3 1 9 3 0 0 / / /	AD AR		B C	Bearing (8MM) Turn over side plate F ass'y
	0 C W 2 2 1 4 K 0 0 4 / / 0 C W 2 2 1 4 P 3 4 9 / /	AN		C	Pulley (PLY-S2M-17-0W)
	0 CWE 4 5 0 0 0 0 8 7 1	AB		C	Snap band (SG-110)
	0 CW 2 2 1 4 P 3 4 8 //	AX		C	Pulley (PLY-S2M-28-31)
	0 CWE 4 5 0 0 0 0 4 3 3	AB		C	Edge saddle 1 (EDS-1)
	0 CWE 4 5 0 0 0 0 8 9 6	AC		C	Clamp (UAMS-02WH-2)
	0 C W 2 2 1 4 P 1 2 0 //	AQ		C	Turn over motor bracket
	0 C W 2 2 3 4 P 4 0 0 //	BK		В	Motor (MOT-KH56JM2B013)
	0 CW 2 2 1 4 P 3 2 3 //	AV		C	R delivery roller
	0 C W 2 2 1 4 K 2 1 1 //	AL		C	ASM-RU harness
	0 CW 2 2 1 4 P 3 7 7 C/	AS		В	Delivery discharge brush
	0 CW 2 2 1 4 P 1 4 3 C/	AP		C	R guide 2
	0 C W 2 2 1 4 P 3 4 7 / /	AD		C	Flapper rubber
	0 C W 2 2 1 4 K 0 0 2 / /	AW		C	Turn over side plate R ass'y
19	0 C W E 1 2 0 0 0 0 8 7 0	AM		В	Microswitch (SS-5T)
20	0 C W 2 2 1 4 P 3 3 2 / /	ΑV		С	Flapper
	0CW2214P331//	BD		С	Turn over roller
22	0 C W 2 2 1 4 P 3 8 1 //	AD		С	H sensor upper sheet
	0 C W 2 2 1 4 K 2 2 2 / /	AS		E	PBA sensor PWB
	0 C W 2 2 1 4 P 0 1 2 / /	AR		С	R lower guide
	0 C W 2 2 1 4 P 0 6 4 / /	AX		С	Turn over guide cover
27	0CW2214P209//	AE		С	U turn over collar shaft
	0 C W 2 2 1 4 P 0 3 3 //	AE		С	Turn over collar
	0 C W 2 2 1 4 P 1 3 0 //	AP		С	H reinforce plate
	0 C W 2 2 1 4 P 0 1 1 //	AQ		С	Lower guide
	0 C W 2 2 1 4 P 1 2 4 / /	ΑE		С	Turn over collar plate spring
	0 C W 2 2 1 4 P 2 0 8 / /	AD		С	Turn over collar shaft
33	0 C W 2 2 1 4 P 3 5 2 / /	AD		С	Turn over seal
	0 C W 0 3 0 0 6 0 F Z B i	AA		С	Screw (3×6)
	0 C W 0 3 0 0 6 0 F Z S W	AA		С	Screw (3×6)
	XRESP70-08000	AA		C	E type ring
	0 C W 2 2 1 4 P 3 2 8 //	AS		С	Pulley (PLY-S2M-30-0W)
	0 C W 2 0 7 8 P 0 8 6 B /	AB		С	Screw 2.2 (M3)
	0 C W 2 1 5 8 P 0 0 3 D /	AF		С	Switch lever
	0 C W 0 3 0 0 6 0 F Z T P	AA		С	Screw (3×6)
	0 CW 2 1 5 8 P 0 0 9 A /	AD		C	R flapper link
	0 C W 2 1 5 8 P 0 0 5 A /	AD		С	Solenoid stopper pin
	XRESP50-06000	AA		C	E type ring
	0 C W 2 1 4 7 P 0 3 3 / / 0 C W H P 0 2 0 1 0 0 S C	AD AC		C	R flapper link 1
	0 CW 2 1 5 8 P 5 2 1 B /	AE		C	Pin (\phi2-10) Bearing 6
	0 CW 2 0 9 4 P 0 9 0 A /	AH		В	Timing belt (44-40S2M88)
	0 C W 0 4 0 0 8 0 F Z B i	AA		С	Screw (4×8)
	0 CW 4 0 1 6 P 1 6 7 //	AC		C	Screw (SCR030050)
	0 C W 0 3 0 0 6 0 F Z B P	AA		C	Screw (3×6)
	0 C W 2 2 1 4 P 5 2 9 //	AC		C	Screw
	0 C W 0 3 0 0 4 0 F Z B i	AA		C	Screw (3×4)
	0 C W 2 2 1 4 P 4 5 5 //	AE		C	Lock plate spring
	0CW2107P032//	AN		Č	Belt (S2M-56-4)
	0 C W 0 4 0 1 0 0 F P W P	AC		Č	Screw (4×10)
	0CW2221P336//	AU		С	Protect rubber
	0 C W 2 2 1 4 P 4 6 4 / /	ΑE		С	R lower soft sheet
	0 C W 2 2 1 4 P 4 5 9 / /	AD		С	R lower guide sheet F
	0CW030080FZBB	AB		С	Screw (3×8)
	0 C W 2 2 1 4 P 4 6 0 / /	AD		С	R lower guide sheet R
	0CW2214P466//	AG		С	R lower sheet
	0 C W 3 3 8 4 1 2 / / /	AE		В	Bearing 8
	0 C W 0 2 3 1 2 0 F B W S	AB		С	Screw (2.3×12)
	0 C W 2 2 1 4 P 4 7 2 //	AP		C	Turn over sheet
	0 C W 2 2 1 4 P 1 4 6 //	AD		С	Belt flange
	0 C W 2 2 1 4 P 1 0 3 //	AD		C	MSW cover
	0 C W 2 2 1 4 P 0 4 6 //	AE		С	Turn over sensor cover
	0 CW 2 2 1 4 P 3 8 3 //	AE		C	H sensor lower sheet
	0 CW 2 2 1 4 P 3 3 5 //	AD		C	R flapper spring
	0 CW 2 2 1 4 K 2 1 0 / /	AT AE		C	ASM-deive R harness
	0 C W 2 2 1 4 P 3 8 7 / /			C	Turn over guide sheet
	0 C W 2 2 1 4 P 4 6 5 //	AM AG		C	H belt guide sheet
	0 CW 2 2 3 4 P 3 3 5 / /	AG		C	R Guide 2 sheet F R Guide 2 sheet R
	0 CW 2 1 9 8 K 2 3 9 / /	AG		C	ASM earth wire 2
13		7.0		U	A OWI CARRI WILE A
 		 			

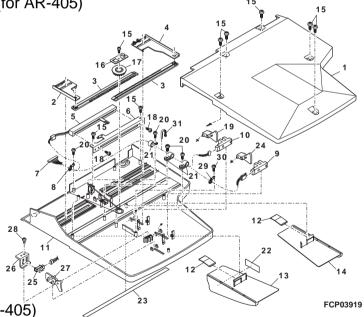
59 RADF Reversion transport section(for AR-405)



60 RADF Paper feedig tray section(for AR-405)

			_ `	,
NO.	PARTS CODE	PRICE RANK	PART RANK	DESCRIPTION
	0CW2214P065//	ΑZ	С	Tray cover
2	0CW2214P005//	AG	С	Slide holder R
3	0CW2214P004//	AF	С	Tray rack
4	0CW2214P039//	AG	С	Slide holder F
5	0 C W 2 2 2 3 K 2 1 4 / /	AX	С	ARM-VR harness
6	0CW2214P128//	AK	С	Slide switch bracket
7	0 C W 2 2 3 4 K 2 0 2 / /	ΑT	С	ASM-TRAY 2234 harness (Inch series ·· Except U.S.A., CANADA)
/	0 C W 2 2 1 4 K 2 0 2 E /	AS	С	ASM-TRAY harness (Other countries)
8	0 C W E 4 5 0 0 0 0 3 6 8	AD	С	Clamp (T18MR)
9	0 C W E 3 1 4 0 0 0 1 2 0	AM	В	Proto interrupter (GP1A25LC)(Except Europe)
10	0 C W E 3 1 4 0 0 0 1 2 0	AM	В	Photo interrupter (GP1A25LC)
11	0CW2214P066//	BA	D	Original tray
12	0CW2214P129//	AF	С	Tray guide plate spring
13	0CW2214P059//	AK	С	Tray guide R
14	0CW2214P060//	AK	С	Tray guide F
15	0 C W 0 3 0 0 8 0 F Z B B	AB	С	Screw (3×8)
16	0CW2199P117//	ΑE	С	Tray plate spring
17	0 C W 2 1 4 2 P 1 8 0 //	ΑE	С	Tray gear 22
18	0 C W 0 3 0 0 6 0 F N B i	AA	С	Screw (3×6)
19	0CW2214P070//	AH	С	Tray sensor lever
20	0 C W 0 3 0 1 0 0 F B B B	AB	С	Screw (3×10)
21	0 C W E 4 5 0 0 0 0 0 6 7	AC	С	Wire clamp (NK-2N)
22	0CW2214P541//	AD	С	Indication label
	0 C W 2 2 1 4 P 5 4 2 / /	AR	D	Tray scale (AB series: For Europe)
23	0 C W 2 2 1 4 P 5 4 4 / /	AN	D	Tray scale (Inch series)
	0CW2214P546//	ΑV	D	Tray scale (AB series: Except Europe)
24	0CW2214P070//	AH	С	Tray sensor lever (Except Europe)
25	0 C W E 3 1 4 0 0 0 5 3 1	AN	В	Photo interrupter (TLP1225(C5))(Inch series Except U.S.A., CANADA)
26	0CW4054P074B/	AF	С	R-T sensor bracket (Inch series Except U.S.A., CANADA)
27	0CW2235P039//	AG	С	Tray sensor lever (Inch series Except U.S.A., CANADA)
28	0CW030080FZBB	AB	С	Screw (3×8)(Inch series Except U.S.A., CANADA)
29	0 C W E 4 5 0 0 0 0 3 6 8	AD	С	Clamp (T18MR)(Inch series · Except U.S.A., CANADA)
30	0 C W 0 3 0 1 0 0 F B B B	AB	С	Screw (3×10)(Inch series Except U.S.A., CANADA)
31	0 C W E 4 5 0 0 0 0 0 0 5	AA	С	Tight band (SKB-1N)(Europe)

60 RADF Paper feedig tray section(for AR-405)



61 RADF PBA-Control PWB(for AR-405)

			1		<i>></i>	
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
1	0 C W E 7 3 4 2 3 M 1 0 6	AC		С	Capacitor (CESEM1E100-F)	[C10,C11]
2	0 C W E 7 3 4 9 7 Z 1 0 4	AA		С	Capacitor (GRM39F104Z25PT)	[C35~C39,C42~C44,C46,C47,C49,C50]
3	0 C W E 7 3 2 6 8 J 1 0 1	ΑF		С	Capacitor (GRM40CH101J50PT)	[C32,C33]
4	0 C W E 7 3 3 0 3 Z 1 0 5	AD		С	Capacitor (GRM40F105Z16PT)	[C41,C45,C48,C51,C52,C59~C62]
5	0 C W E 7 3 4 3 1 M 1 0 7	ΑF		С	Capacitor (CEEFM1H101M5-F)	[C53,C54]
6	0 C W E 7 3 4 2 3 M 4 7 6	AC		С	Capacitor (CESEM1C470M-F)	[C55]
7	0 C W E 7 3 4 2 3 M 4 7 5	AC		С	Capacitor (CESEM1H4R7-F)	[C57]
8	0 C W E 7 3 3 0 3 Z 2 2 4	AC		С	Capacitor (GRM40F224Z50PT)	[C56]
	0 C W E 7 4 2 1 2 W E 0 6	ΑE		С	Connector (DF1B-6P-25DSA)	[CN4]
10	0 C W E 7 4 2 1 2 W E 0 8	ΑE		С	Connector (DF1B-8P-2.5DSA)	[CN7]
11	0 C W E 7 4 2 1 2 W E 0 9	ΑE		С	Connector (DF1B-9P-25DSA)	[CN5]
12	0 C W E 3 2 3 0 0 0 3 4 3	AD		В	IC (M93C46MN6)	[IC3]
13	0 C W E 3 2 1 0 0 0 6 4 5	BB		В	IC (STK6713BMK4)	[IC8]
14	0 C W E 3 2 1 0 0 0 6 4 4	ΑZ		В	IC (STK6712BMK4)	[IC12]
15	0 C W E 3 1 2 0 0 1 3 6 2	AC		В	Transistor (FN1L3M)	[Q12]
16	0 C W E 3 1 2 0 0 1 2 9 3	AR		В	Transistor (2SJ265)	[Q13]

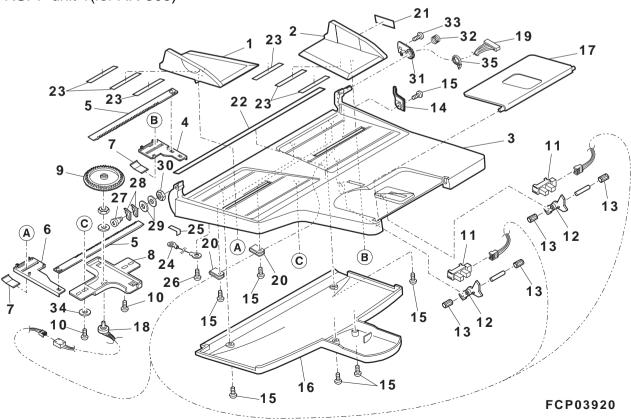
61 RADF PBA-Control PWB(for AR-405)

10.	PARTS CODE	PRICE RANK		PART RANK	DESCR	IPTION
17	0 C W E 3 1 2 0 0 1 3 6 8	AK		В	FET (2SK1282-Z)	[Q:
	0 C W E 3 1 2 0 0 1 3 1 0	AC		В	Transistor (FA1L3M)	[Q:
	0 C W E 7 0 1 6 2 J 1 0 1	AA		С	Resistor (CRG8SG101J)	[R93,R9
	0 C W E 7 0 1 6 2 J 1 8 1	AA		С	Resistor (CRG8SG181J)	[R100,R10
	0 C W E 7 0 1 8 8 J 2 0 3	AA		С	Resistor (CRG10G203J)	[R10
	0 C W E 7 0 1 6 2 J 2 0 2	AA		С	Resistor (CRG8SG202J)	[R10
	0 C W E 7 0 1 6 2 J 1 0 0	AA		С	Resistor (CRG8SG100J)	[R1
	0 C W E 7 0 1 8 8 J 1 5 4	AA		С	Resistor (CRG10G154J)	[R
	0 C W E 7 0 2 1 3 J R 3 9	AC		С	Resistor (RSSX1U039ΩJ)	[R97~R
	0CWE70188F751	AA		С	Resistor (CRG10G751F)	[R
	0 C W E 7 0 1 6 2 J 4 7 2	AA		С	Resistor (CRG8SG472J)	[R
	0 C W E 7 0 2 0 5 J 2 2 2	AC		С	Resistor (CRG2G222J)	[R1
	0 C W E 7 0 1 8 8 F 2 4 3	AA		С	Resistor (CRG10G243F)	[R
	0 C W E 7 0 1 8 8 F 6 8 3	AA		С	Resistor (CRG10G683F)	[R112,R1
	0 C W E 7 0 1 8 8 F 9 1 2	AA		С	Resistor (CRG10G912F)	[R1
	0 C W E 7 0 1 8 8 F 1 5 3	AA		С	Resistor (CRG10G153F)	[R1
	0 C W E 4 2 0 0 0 1 0 1 1	AC		С	Test pin (LC-3-SBK)	[T
	0 C W E 7 6 0 0 8 H 1 6 0	AD		В	Zener diode (RD16MB2)	[Z
	0CWE76008G180	AD		В	Zener diode (RD18MB1)	[ZD5,ZD6,Z
-	0 C W E 7 3 4 2 5 M 1 0 7	AD		С	Capacitor (CEDSM1H101M-F)	[
	0 C W E 7 3 4 9 5 K 1 0 2	AB		С	Capacitor (GRM39B102K50PT)	[C2~
	0 C W E 7 3 3 0 3 Z 3 3 4	AC		С	Capacitor (GRM40F344Z25PT)	[1
	0 C W E 7 3 4 9 5 K 1 0 3	AB		С	Capacitor (GRM39B103K50PT)	[C12,C13,C16~C18,C21~C
	0 C W E 7 3 3 0 3 Z 1 0 4	AB		С	Capacitor (GRM40F104Z25PT)	[C14,C15,C19,C20,C25,C26,C28~C
42	0 C W E 7 3 4 2 5 M 4 7 6	AC		С	Capacitor (CEDSM1H470M-F)	[C31,C
43	0 C W E 7 3 4 2 3 M 1 0 5	AC		С	Capacitor (DESEM1H010-F)	[C
	0 C W E 7 4 2 9 9 B K 0 6	AB		С	Connector (DF3-6P-2DSA)	[C
	0 C W E 7 4 0 7 1 W E 0 4	AC		C	Connector (B4P-VH)(4pin)	[C
	0 C W E 3 1 1 0 0 0 9 7 8	AD		В	Diode (SB02-03Q)	[D1,D3,
	0 C W E 3 1 1 0 0 0 9 7 7	AB		В	Diode (DSA010)	
	0 C W E 3 1 1 0 0 1 0 2 0	ΑE		В	Diode (SS14)	[D7,
	0 C W E 3 1 1 0 0 1 0 1 9	AD		В	Diode (S1G-G11)	[D2,
	0 C W E 7 7 0 0 2 3 7 3 A	ΑL		В	IC (TC74HC373AF)	[1
	0 C W E 7 4 2 6 9 B K 2 8	AD		C	IC socket (2-641605-3)	[for IC
	0 C W E 7 7 0 0 2 1 4 A /	AG		В	IC (TC74HC14AF)	[1]
	0 C W E 7 7 0 2 0 0 6 //	AG		В	IC (HD74LS06PF)	[1
	0 C W E 3 2 1 0 0 0 3 2 0	AK		В	IC (M51953BFP)	[1
	0 CW 2 1 9 8 P 4 2 2 A /	AY		В	LSI (LSI-LC93043A-V54)	
	0CWE321000358	AG		В		[]
					IC (UPC339G2)	[1
	0 C W E 3 2 1 0 0 0 6 5 0	BB		В	IC (STK681-050)	[IC
	0 C W E 3 2 3 0 0 0 2 8 0	BC		В	IC (uPD78233GC-3B9)	[I]
	0 C W E 3 2 1 0 0 0 5 9 1	AF AK		В	IC (uPC358G2)	[IC13,IC
	0 C W E 2 3 0 0 0 0 0 3 1 0 C W E 3 1 4 0 0 0 3 3 7			С	Coil (SK-8MS-5Y)	[L1]
		AB		В	LED (GL3PR8)	[LE
	0 C W E 2 5 0 0 0 0 1 0 7	AX		В	Crystal (CST9.83MTW)	[OS
	0 C W E 2 5 0 0 0 0 1 4 1	AG		В	Ceramic resonator (CST5.0MGW040)	[OS
	0 C W E 1 2 0 0 0 0 8 9 7	AD		В	Push switch (SKHHPK)	[PS)
	0 C W E 3 1 2 0 0 1 2 4 0	AC		В	Transistor (FN1L3N)	[Q1,
	0 C W E 3 1 2 0 0 0 0 8 2	AC		В	Transistor (2SC2712)	[Q3~
	0 C W E 3 1 2 0 0 1 0 8 1	AB		В	Transistor (FA1L3N)	[Q7~C
	0 C W E 3 1 2 0 0 1 3 6 3	AG		В	FET (2SK1726)	[C
73	0 C W E 7 0 1 8 8 J 2 2 3	AA	-	С	Resistor (CRG10GJ223J)	[R1~R5,R78,R
	0 C W E 7 0 2 2 8 J 1 0 3	AA	-	С	Resistor (RK73K1JTD 10KΩ J)	[R6~F
74	0 C W E 7 0 2 2 8 J 1 0 3	AA		С	Resistor (RK73K1JTD 10KΩ J)	[R26~R28,R30,R32~F
	0 C W E 7 0 2 2 8 J 1 0 3	AA		С	Resistor (RK73K1JTD 10KΩ J)	[R40~R43,R64,R69,R70,R75,R
	0 C W E 7 0 2 2 8 J 1 0 3	AA		С	Resistor (RK73K1JTD 10KΩ J)	[R87,R96,R102~R104,R109~R111,R1
_	0 C W E 7 0 1 8 8 J 1 0 4	AA	1	С	Resistor (CRG10G104J)	[R45,R46,R48,R
76	0 C W E 7 0 1 8 8 J 1 0 0	AA	1	С	Resistor (CRG10G100J)	[F
77	0 C W E 7 0 2 2 8 J 4 7 2	AA		С	Resistor (RK73K1JTD4.7KΩJ)	[R31,R51~R62,R65,R
	0 C W E 7 0 2 2 8 J 4 7 2	AA	1	С	Resistor (RK73K1JTD4.7KΩJ)	[R71~R73,R76,F
	0 C W E 7 0 1 8 8 J 1 0 2	AA	1	С	Resistor (CRG10G102J)	[R82,R83,F
	0 C W E 7 0 1 8 8 J 1 0 5	AA		С	Resistor (CRG10G105J)	[F
	0 C W E 7 0 1 8 8 J 8 2 1	AA		С	Resistor (CRG10G821J)	[F
	0 C W E 7 0 1 9 7 J 4 R 7	AA		С	Resistor (ERD25FAJ4R7)	[R44,F
	0 C W E 7 0 1 8 8 J 2 0 2	AA		С	Resistor (CRG10G202J)	[R80,F
	0 C W E 7 0 1 8 8 J 1 5 3	AA		С	Resistor (CRG10G153J)	[R29,R1
	0 C W E 7 0 1 8 8 J 1 5 2	AA		С	Resistor (CRG10G152J)	[R63,R
	0 C W E 7 0 1 8 8 J 3 0 2	AA		С	Resistor (CRG10G302J)	[R74,R
	0 C W E 7 0 2 0 5 J 3 3 2	AA		С	Resistor (CRG2G332J)	[R1
	0 C W E 7 0 1 8 8 J 2 2 2	AA		С	Resistor (CRG10GJ222T)	[F
	0 C W E 1 2 0 0 0 0 3 6 8	AR		В	Dip switch (KSD05)	[S ¹
	0CWE76005A6R2	ΑE		В	Zener diode (RD6.2FB)	[Z
91	0 C W E 7 6 0 0 8 H 1 2 0	AB		В	Zener diode (RD12MB2)	[Z
97	0CW2234K213//	AY		В	EP ROM ass'y -NMI	[1
	0 C W E 7 0 0 1 4 J 1 0 1	AB		C	Resistor (RD25S 100ΩJ)	
	0 C W E 7 0 1 8 8 J 9 1 2	AA		C	Resistor (CRG10G912J)	ſR
99				C	Capacitor CEDSM1A471M-F	IC
	0 C W E / 3 4 2 5 M 4 / /	AD				
100	0 C W E 7 3 4 2 5 M 4 7 7 0 C W E 1 2 0 0 0 1 5 1 6					
100	0 C W E 7 3 4 2 5 M 4 7 7 0 C W E 1 2 0 0 0 1 5 1 6 0 C W E 3 2 1 0 0 0 5 4 0	AF AW		B B	IC protector (ICP-N25) IC (SI-8201L)	[IC

62 RSPF unit 1(for AR-505)

NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
	0 C W 2 2 5 4 P 0 4 0 //	AH		D	Tray guide F
	0CW2254P041//	AH		D	Tray guide R
	0CW2254P052//	BA		D	Original tray
4	0CW2214P005//	AG		С	Slide holder R
5	0CW2214P004//	AF		С	Tray rack
6	0CW2214P039//	AG		С	Slide holder F
7	0CW2254P143//	AF	N	С	Tray guide plate spring
8	0CW2254P038//	AF		С	RV holder
9	0CW2254P037//	AF		С	Gear
10	0CW2185P357A/	AA		С	Screw (M38)
11	0 C W E 3 1 4 0 0 0 6 1 9	AH		В	Photo sensor (TLP1241(C5))
	0CW2235P039//	AG		С	Tray sensor lever
	0CW2235P404//	ΑE		С	Knob spring
14	0CW2254P055//	ΑE		C	Tray rear cover
15	0 C W 0 3 0 1 0 0 F Z B B	AA		C	Screw (310)
	0CW2254P053//	AW		D	Tray lower cover
17	0CW2254P054//	AH		D	Sub tray
18	0 C W 2 2 5 4 K 5 1 4 / /	AU		С	Harness (ASM-VR)
	0CW2254K507//	ΑТ		C	Harness (ASM-TR)
	0 C W E 4 5 0 0 0 0 0 6 7	AC		C	Wire clamp (NK-2N)
	0 C W 2 2 1 4 P 5 4 1 //	AD		C	Indication label
	0 C W 2 2 5 4 P 3 7 3 //	AP	N	C	Tray Scale (for Japan only)
22	0CW2254P376//	AP	N	Č	Tray Scale (for AB series)
	0CW2254P378//	AP	N	C	Tray Scale (For Inch series)
23	0CW2229P329//	AC	N	C	Slide sheet
24	0CW2254P483//	AR	N	C	Wire
	0 C W 2 2 5 4 P 1 4 5 //	ΑE	N	C	Wire stopper
	0CW2185P357//	AA		C	Screw (M38)
	0CW2254P339//	AD		C	Screw (M4)
	0 C W 2 2 5 4 P 3 6 4 //	AC		C	Washer 6
	0 C W 3 9 9 1 4 / / / /	AC	N	C	Washer
	0 C W N T 0 4 0 F Z - / /	AA		C	Nut
	0 C W 2 2 5 4 P 0 6 0 //	AD		C	Bush
	0 C W 2 2 5 4 P 3 4 5 / /	AF	N	C	Stopper
	0 C W 0 3 0 0 6 0 F Z B i	AA		C	Screw
	0 C W H W 0 3 0 F Z / / /	AA	N	C	Washer (M3)
	0 C W E 4 5 0 0 0 0 0 0 5	AA		C	Tight band (SKB-1M)
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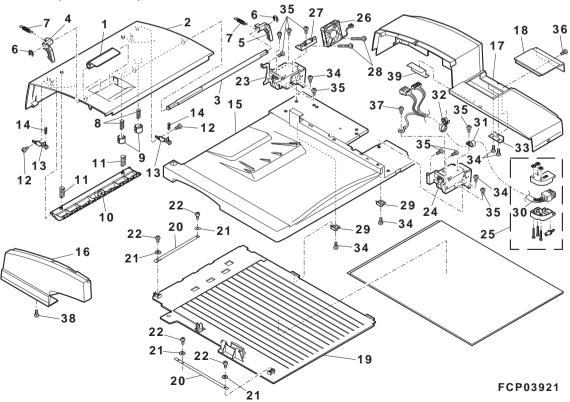
62 RSPF unit 1(for AR-505)



63 RSPF unit 2(for AR-505)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	0CW2254P049//	AG		D	Jam cover handle
	0CW2254P021//	BD		D	Jam cover
	0CW2254P050//	ΑL		С	Jam cover lever shaft
	0CW2254P048//	ΑE		С	Jam cover lever F
	0CW2254P070//	ΑE		С	Jam cover lever R
	0 C W E R 0 5 0 S K P / /	AA		С	E type ring 5
	0 C W 2 2 5 4 P 3 3 7 / /	AC		С	Jam cover spring
	0CW2229P364//	ΑE		С	Resist spring
	0CW2254P056//	AD		С	Resist spring holder
	0CW2254P089//	AM		С	RG front guide
	0CW2254P350//	AD		С	RG front guide spring
	0CW2254P333//	AD		С	Screw (M3)
	0CW2254P091//	ΑE		С	C Lock lever
	0CW2254P351//	AC		С	C lock spring
	0CW2254P043//	BH		D	Base
	0CW2254P066//	ΑT		D	Front cover
	0CW2254P061//	BB		D	Rear cover
	0CW2214P068//	AM		D	Mentenance cover
	0 C W 2 2 5 4 K 0 5 7 / /	BF		С	Pressure plate 1 ass'y
	0CW2254P354//	AK		С	Stopper
	0CW8003P161//	AD		С	Washer
	0 C W 0 3 0 0 8 0 F Z B B	AB		С	Screw (3×8)
	0 C W 2 2 5 4 K 0 0 1 //	BE		С	Hing L ass'y
	0 C W 2 2 5 4 K 0 0 2 / /	BD		С	Hing R ass'y
	0 C W 2 2 5 4 K 5 1 3 / /	BB		С	Harness (ASM-IF-CG)
	0 C W 2 2 4 1 P 6 0 1 //	ВС		В	Fan (FAN-2408-NL-05W-B5)
	0 C W 2 2 5 4 P 1 3 0 //	AG		С	FAN Bracket
	0 C W 0 4 0 2 5 0 F Z W S	AC		С	Screw (M4×25)
	0 C W 2 2 5 4 P 1 2 8 / /	AD		С	Bracket
	0 C W 2 2 5 4 K 5 1 2 / /	BA		С	Harness (ASM-I/F)
	0 C W E 4 5 0 0 0 0 0 7 0	AB		С	Wire clamp (NK-5N)
	0 C W E 4 5 0 0 0 0 0 0 5	AA		С	Tight band (SKB-1M)
	0 C W 2 2 1 4 P 1 4 0 //	AE		С	M plate
	0 C W 0 4 0 1 0 0 F Z B B	AB		С	Screw (4×10)
	0 C W 0 4 0 0 6 0 F Z B P	AB		С	Screw (4×6)
	0 C W 0 4 0 0 8 0 F Z B i	AA		С	Screw (M4×8)
	0 C W 0 4 0 0 6 0 F N B i	AA		С	Screw (M4×6)
	0 C W 2 2 5 4 P 4 7 8 //	AG	N	С	F spacer rubber
39	0 C W 2 2 5 4 P 4 0 5 / /	AH	N	С	Insulation sheet

63 RSPF unit 2(for AR-505)

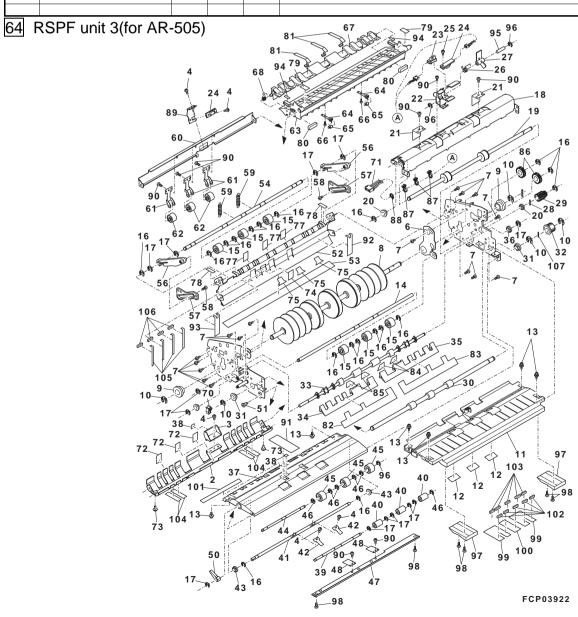


64 RSPF unit 3(for AR-505)

64 RSPF unit 3(for AR	-505)			
NO. PARTS CODE	PRICE	NEW	PART	DESCRIPTION
	RANK	MARK	RANK	
1 0 C W 2 2 5 4 K 0 0 3 // 2 0 C W 2 2 5 4 P 1 1 3 //	AU AZ		C	Side plate F
3 0 C W 2 2 5 4 P 1 1 3 / /	AE		C	W guide Holder
4 0 C W 0 3 0 0 6 0 F Z B i	AA		C	Screw (3×6)
5 0 CW 2 2 5 4 K 0 0 4 //	AV		C	Side plate R
6 0 CW 2 2 5 4 P 1 1 9 //	AG		C	SB Resist adjusting plate
7 0 C W 0 4 0 0 6 0 F Z B i	AA		C	Screw (M4×6)
8 0 CW 2 2 5 4 P 3 0 9 //	ВС		Č	Lead roller
0 C W 2 2 5 4 P 3 4 9 / /	AN		C	Press bearing
9 0 CW 2 1 6 0 P 3 4 4 //	AR		С	Bearing (BRG8-16)
10 0 C W E R 0 7 0 S K P / /	AA		С	E type ring 7
11 0 C W 2 2 5 4 P 0 2 3 //	AU		С	SB upper guide
12 0 C W 2 2 5 4 P 3 4 2 / /	AD		С	Sheet
13 0 C W 0 3 0 0 8 0 F Z W S	AA		С	Screw (3×8)
14 0 C W 2 2 5 4 P 2 1 2 //	AR		C	Shaft
15 0 C W 2 2 5 4 P 0 6 5 / / 16 0 C W E R 0 5 0 S K P / /	AD AA		C C	Collar
17 0 CWER 0 4 0 SKP//	AB		C	E type ring 5 E type ring 4
18 0 CW 2 2 5 4 P 1 1 4 //	AT		C	Delivery guide
19 0 CW 2 2 5 4 P 3 1 1 //	AX		C	Delivery roller
20 0 C W 2 1 5 8 P 5 2 1 B /	AE		Č	Bearing 6
21 0 C W 2 2 5 4 P 1 2 3 //	ΑE		C	Coller spring
22 0 C W 2 2 5 4 P 0 2 7 / /	AF		С	Sensor holder
23 0 C W E 3 1 4 0 0 0 6 1 9	AH		В	Photo sensor (TLP1241(C5))
24 0 C W 2 2 4 7 P 7 2 7 / /	AT		В	Photo sensor (SNS-SPI-337)
25 0 C W 0 3 0 1 0 0 F Z B B	AA		С	Screw (310)
26 0 C W 2 2 5 4 P 3 3 5 //	AF		С	Spring
27 0 C W 2 2 5 4 P 0 9 5 //	AE	N	С	Delivery sensor lever N
28 0 C W H P 0 2 0 1 0 0 S H	AC		С	Pin (210)
29 0 C W 2 2 5 4 P 0 7 5 //	AD		<u>C</u>	Pulley gear (PLY-GER-16-18)
30 0 C W 2 2 5 4 P 3 1 0 // 31 0 C W 4 0 6 0 P 0 1 2 //	A V A E		C C	SB roller
32 0 C W 2 2 5 4 P 0 6 2 //	AD		C	Bush (BUSH-8P) Pulley (PLY-S2M-26)
33 0 C W 2 2 5 4 P 3 1 2 //	AV		C	SB flapper
34 0 CW 2 2 5 4 P 0 3 5 //	AG		C	Flapper F
35 0 CW 2 2 5 4 P 0 3 6 //	AG		C	Flapper R
36 0 C W 2 2 5 4 P 3 5 2 //	AG		C	Bearing (B-F5-13)
37 0 C W 2 2 5 4 P 0 2 4 / /	AU		Č	SB lower gide
38 0 C W 2 2 5 4 P 3 5 8 / /	AC		C	Turn over seal
39 0 C W 2 2 5 4 P 2 1 3 //	AN		С	SB collar shaft
40 0 C W 2 2 5 4 P 0 6 8 / /	AD		С	SB coller
41 0 C W 2 2 5 4 P 2 2 6 / /	AF		С	SB release shaft
42 0 C W 2 2 5 4 P 1 2 2 / /	AD		С	SB collar spring
43 0 C W 3 3 8 4 2 2 / / /	AB		С	Bearing 6
44 0 C W 2 2 5 4 P 2 2 0 //	AM		С	SB collar shaft 2
45 0 C W 2 2 5 4 P 0 7 4 / /	AD AA		C	Lead collar
46 0 C W E R 0 3 0 S K P / / 47 0 C W 2 2 5 4 P 1 4 2 / /	AA		C	E type ring 3 SB reinforce
48 0 C W 2 2 5 4 P 1 2 1 //	AE		C	Lead collar spring
50 0 C W 2 2 5 4 P 0 3 0 //	AD		C	Bearing B
51 0 C W 2 2 5 4 P 3 3 3 //	AD		C	Screw (M3)
52 0 CW 2 2 5 4 P 1 3 6 //	AU		C	R quide
53 0 CW 2 2 5 4 P 3 6 1 //	AH	N	C	Sheet
54 0 C W 2 2 5 4 P 2 1 0 / /	AS		C	Shaft
56 0 C W 2 2 5 4 P 0 8 4 / /	ΑE		С	Release link 1
57 0 C W 2 2 5 4 P 0 8 5 //	ΑE		С	Release link 2
58 0 C W 2 1 8 5 P 3 5 9 / /	AB		С	Screw (M4×12)
59 0 C W 2 2 5 4 P 3 4 0 //	AD		С	Lead collar spring
60 0 C W 2 2 5 4 P 1 1 1 //	AP		C	Lead coller guide
61 0 C W 2 2 5 4 P 1 3 3 //	AF		C	Lead collar spring 1
62 0 C W 2 2 5 4 P 0 4 2 / /	AD AU	<u> </u>	C	Lead collar
63 0 C W 2 2 5 4 P 0 2 2 / / 64 0 C W 2 2 5 4 P 1 2 4 / /	AD		C	C guide Delivery coller spring
65 0 C W 2 2 3 5 P 0 4 5 //	AF		C	Delivery coller spring Delivery collar
66 0 C W 0 3 0 0 8 0 F Z B B	AB		C	Screw (M3×8)
67 0 C W 2 2 5 4 P 0 2 8 //	AP		C	Delivery flapper
68 0 CW 2 2 5 4 P 3 2 1 //	AE		C	Spring
69 0 C W 0 4 0 1 2 0 F Z B i	AB		C	Screw
70 0 C W E 4 5 0 0 0 0 8 9 3	AD		C	Wire holder (EDS-0607U)
71 0 C W 2 2 5 4 K 5 0 2 / /	AH		C	Harness (ASM-EXITS)
72 0 C W 2 2 5 4 P 3 4 4 / /	AD		С	WPL sheet
73 0 C W 2 2 5 4 P 0 9 3 / /	AD		С	Spaser (1.0)
74 0 C W 2 2 5 4 P 3 4 3 / /	AE		С	Sheet
75 0 C W 2 2 5 4 P 3 6 2 //	AG	N	С	Guide sheet
77 0 C W 2 2 5 4 P 3 8 0 //	AD		С	R guide sheet 1
78 0 C W 2 2 5 4 P 3 8 8 / /	AC	N	<u>C</u>	Guide sheet 2q
79 0 C W 2 2 5 4 P 3 9 3 / /	AD AD	N	C	C guide sheet
80 0 C W 2 2 2 9 P 3 8 9 / / 81 0 C W 2 2 5 4 P 3 8 5 / /	AF	NI	C	Poron 2 Delivery flanner sheet
81 0 C W 2 2 5 4 P 3 8 5 / / 82 0 C W 2 2 5 4 P 3 8 2 / /	AG	N N	C	Delivery flapper sheet Flapper F sheet
02 00 11 2 2 0 7 5 3 0 2 / /	да	IN	U	Fridebor Falloci

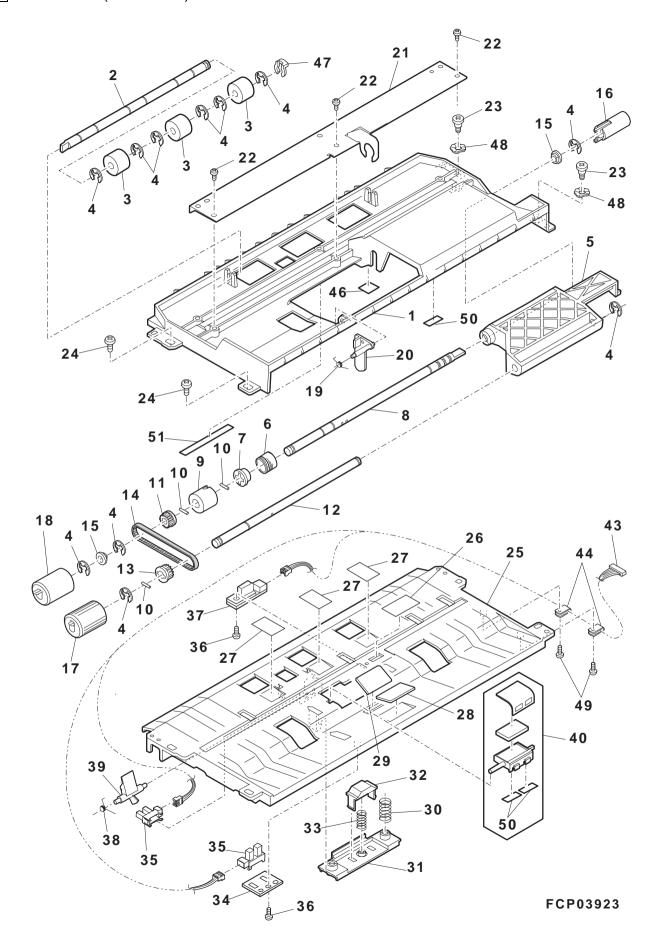
64 RSPF unit 3(for AR-505)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
83	0CW2254P381//	AG	N	С	Flapper R sheet
84	0CW2254P374//	AD		С	Sheet
85	0CW2254P359//	AD		С	Sheet
86	0CW2254P077//	AD		С	Gear (GER-0.8-26)
87	0 C W E 4 5 0 0 0 1 1 2 8	AC		С	Wire band (RSG-100)
	0 C W E 4 5 0 0 0 0 0 0 5	AA		С	Tight band (SKB-1N)
	0CW2254P126//	ΑF		С	Bracket
	0 C W 0 3 0 0 4 0 F Z B i	AA		С	Screw (M3×4)
	0 C W 2 2 5 4 P 3 9 4 / /	AG	N	С	Sheet
	0CW2254P392//	AH	N	С	R Guide sheet 2R
	0CW2254P391//	AH	N	С	F Guide sheet 2F
	0 C W 2 2 5 4 P 3 7 7 / /	AF		С	C guide label
	0 C W 2 2 5 4 P 2 2 8 / /	AF	N	С	Delivery sensor shaft
	0 C W E R 0 2 0 S K P / /	AB	N	С	E type ring 2
	0CW2254P094//	AK	N	С	SB-U guide face
	0CW2185P357//	AA		С	Screw (M38)
	0 C W 2 2 5 4 P 4 7 2 / /	AD	N	С	KT mylar sheet 1
	0CW2254P473//	AD	N	С	KT mylar sheet 2
	0 C W 2 2 5 4 P 4 7 7 / /	AF	N	С	SB lower guide mylar sheet 2
	0CW2254P470//	AC	N	С	Poron4
	0CW2254P471//	AD	N	С	Poron6
	0CW2254P479//	AD	N	С	W guide mylar sheet
	0CW2254P480//	AF	N	С	R guide mylar sheet 3
	0CW2229P365//	AD	N	С	Poron1
107	0 C W H P 0 2 0 1 2 0 S H	AC	N	С	Pin (22)



65 RSPF unit 4(for AR-505)

oo i	RSPF unit 4(for AR	-၁U၁ <i>)</i>			
NO.	PARTS CODE	PRICE	NEW	PART	DESCRIPTION
	0 CW 2 2 5 4 P 0 0 1 //	RANK AV	MARK	RANK	
	0 C W 2 2 5 4 P 0 0 1 / /	AV		С	Upper guide
	0 C W 2 2 2 5 P 0 2 3 //	AP	N	C	Resist collar shaft
	0 C W E R 0 5 0 S K P //	AA	IN	C	Roller-P (2NDRJ-W) E type ring 5
	0 C W 2 2 5 4 P 0 0 3 //	AQ		C	Pick up frame
	0 C W 2 2 5 4 P 3 3 6 //	AH		C	Spring
	0 C W 2 1 1 9 P 0 4 5 //	AG		C	Arbor
	0 C W 2 2 5 4 P 2 0 1 //	AR		C	Separator shaft 2
	0CW2134P060//	AK		C	Clutch cover
	0 C W H P 0 2 0 0 8 0 S C	AC		C	Pin (φ2-8)
	0CW2119P054//	AD		С	Pulley 18
	0CW2254P202//	AM		С	Pick up shaft
13	0CW2166P004//	AD		С	Pulley (PLY-S2M 20)
14	0 C W N S B L T 0 0 0 5 6	AN		С	Belt (BELTS2M063040)
	0 C W 3 3 8 4 2 2 / / / /	AB		С	Bearing 6
	0 C W 2 2 5 4 P 0 4 7 / /	AD		С	Cuppling
	0 C W 2 2 5 4 P 3 0 2 / /	AU		С	Pick up roller
	0 C W 2 2 5 4 P 3 0 1 //	AV		С	Separator roller
	0 C W 2 2 5 4 P 3 0 6 //	AE		С	EMP spring
	0 CW 2 2 5 4 P 0 1 8 //	AE		С	EPM lever
	0 CW 2 2 5 4 P 1 3 5 //	AL		С	Upper guide plate
	0 C W 0 4 0 0 8 0 F Z B B	AB AD		С	Screw
	0 C W 2 2 5 4 P 3 1 6 // 0 C W 0 4 0 1 2 0 F Z B i	AB		C	Screw (M3-4-7.5)
	0 C W 0 4 0 1 2 0 F 2 B 1	AV		C	Screw Lower guide
	0 C W 2 2 5 4 P 0 0 2 / /	AE		C	Sensor sheet
	0 C W 2 2 5 4 P 3 5 7 //	AE		C	Sheet
	0 C W 2 2 3 4 P 3 3 7 / /	AF		O	P sheet
	0 C W 2 2 5 4 P 3 6 0 //	AN	N	C	Rubber
	0 C W 2 2 5 4 P 3 3 8 //	AC	- 1	C	Spring
	0 C W 2 2 5 4 P 0 2 0 //	AF		C	Paper separate spring holder
	0 C W 2 2 5 4 P 0 8 6 //	ΑE		C	Spring holder
	0CW2254P305//	AD		C	Paper separation spring
	0CW2210P122//	AC		С	Sensor clock bracket (BRACKET-CLK-SEN)
35	0 C W E 3 1 4 0 0 0 6 1 9	AH		В	Photo sensor (TLP1241(C5))
36	0 C W 0 3 0 1 0 0 F Z B B	AA		С	Screw (310)
	0 C W 2 2 4 7 P 7 2 7 / /	ΑT		В	Photo sensor (SNS-SPI-337)
38	0 C W 2 2 5 4 P 3 1 7 / /	ΑE		C	Resist sensor
	0 C W 2 2 5 4 P 0 4 6 / /	ΑE		С	Resist sensor plug
	0 C W 2 2 5 4 K 0 7 3 / /	AS		С	Pad holder ass'y
	0 C W 2 2 5 4 K 5 0 9 / /	AW		С	Harness (ASM-SEN)
	0 C W E 4 5 0 0 0 0 0 6 7	AC		С	Wire clamp (NK-2N)
	0 CW 2 2 5 4 P 3 5 8 //	AC		С	Turn over seal
	0 C W E R 0 3 0 S K P / /	AA		С	E type ring 3
	0 C W 2 2 5 4 P 3 6 3 / /	AC		С	Washer 5
	0 C W 0 3 0 0 6 0 F Z B B 0 C W 2 2 2 9 P 3 6 5 //	AB AD	N	C	Screw (3×6) Poron1
	0 C W 2 2 2 3 P 3 0 3 / /	AD	N	C	Upper guide mylar sheet
31	001122341404//	AD	11	U	opper guide mylar sneet
					
					
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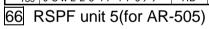


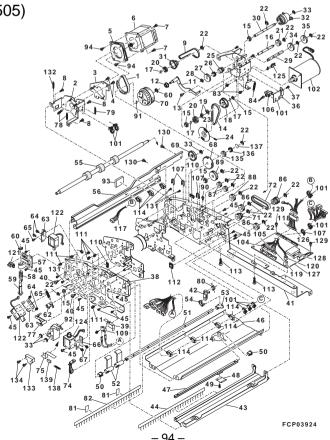
66 RSPF unit 5(for AR-505)

66 RSPF unit 5(for AR	505)			
NO. PARTS CODE	PRICE	NEW	PART	DESCRIPTION
	RANK	MARK	RANK	
1 0 C W N S B L T 0 0 1 8 5 2 0 C W 2 2 5 4 P 1 1 5 //	AS AP		C	Belt (BELTS2M100100)
3 0 CW 2 2 5 4 P 1 1 6 //	AH		C	PM bracket PM tension plate
4 0 C W 0 4 0 0 8 0 F Z W S	AA		C	Screw (4×8)
5 0 CW 2 2 5 4 P 3 5 3 //	AT		C	S-mount
6 0 CW 2 2 5 4 P 4 0 3 //	BM		В	Motor (MOT-KH56KM2R002)
7 0 C W 0 4 0 0 8 0 F Z B i	AA		C	Screw (M4×8)
8 0 C W 0 4 0 0 4 0 F B B i	AA		Č	Screw (M4X4)
9 0 C W N S B L T 0 0 0 9 2	AN		C	Belt (BELTS2M112040)
10 0 C W 2 2 5 4 K 0 0 7 / /	AQ		C	Motor bracket
11 0 C W 2 2 5 4 K 0 0 8 / /	AK		С	Tension plate ass'y
12 0 C W 2 2 5 4 P 0 8 2 / /	AD		С	Tension pulley
13 0 C W 2 1 0 6 P 0 9 1 //	AC		С	Screw (1.2)
14 0 C W N S B L T 0 0 0 7 2	AS		С	Belt (BELTS2M080060)
15 0 C W 2 1 5 8 P 5 2 1 B /	ΑE		С	Bearing 6
16 0 C W 2 2 5 4 P 2 0 4 / /	AM		С	Stopper shaft
17 0 C W H P 0 2 0 1 0 0 S H	AC		С	Pin (2X10)
18 0 C W 2 2 5 4 P 0 1 0 //	AF		С	Pulley (PLY-S2M-50)
19 0 C W 2 1 6 6 P 0 3 4 A /	AD		С	Clip (CLIP-5)
20 0 C W 2 2 5 4 P 0 1 2 //	AD		C	Gear (GER-0.8-24)
21 0 C W 2 2 5 4 P 0 8 3 // 22 0 C W E R 0 5 0 S K P //	AD		C	Gear (GER-0.8-20)
23 0 CW 2 2 1 0 P 3 1 2 //	AA AR		C	E type ring 5
24 0 C W 0 3 0 0 6 0 F P W P	AA		C	Pulley (PULLEY-CLK-S2M-16) Screw (M3×6)
25 0 C W 2 2 5 4 P 0 7 9 //	AD		C	Gear (GER-0.8-14)
26 0 C W 2 2 5 4 P 0 7 9 / /	AH		C	Limit spring
27 0 CW 2 2 5 4 P 0 7 8 //	AE		C	Gear (GER-0.8-33)
28 0 CWER 0 4 0 SKP//	AB		C	E type ring 4
29 0 C W 2 2 5 4 P 2 0 0 //	AP		C	Separator shaft 1
30 0 C W 2 2 5 4 P 2 0 3 //	AM		C	Clutch shaft
31 0 C W 2 2 5 4 P 0 8 1 //	AF		C	Pulley gear (PLY-GER-42-15)
32 0 C W 2 2 5 4 P 4 0 2 / /	BB		C	Clutch (CLU-MIC5NE-20)
33 0 C W E R 0 3 0 S K P / /	AA		С	E type ring 3
34 0 C W 2 2 5 4 P 0 8 0 / /	AP		С	Gear (GER-0.8-30-OW)
35 0 C W 2 2 5 4 P 0 1 1 //	AP		С	Gear (GER-0.8-40-OW)
36 0 C W 2 2 5 4 P 1 3 7 //	AF		С	Bracket
37 0 C W 0 3 0 0 6 0 F Z B P	AA		С	Screw (3×6)
38 0 C W 2 2 5 4 K 0 0 5 //	BA		С	F side plate
39 0 C W 2 2 5 4 P 1 4 1 //	AH		С	MSW lever N
40 0 C W 2 2 5 4 P 3 2 6 / /	AD		С	Screw (M4)
41 0 C W 2 2 5 4 K 0 0 6 / /	BG		С	Side plate R ass'y
42 0 C W 2 2 5 4 P 0 1 6 / /	AE		С	Shutter link
43 0 C W 2 2 5 4 P 1 3 4 / /	AS		С	Stay
44 0 C W 2 2 5 4 P 3 6 5 //	AR		C	SB discharger
45 0 C W 0 4 0 0 6 0 F Z B P	AB AT		<u>C</u>	Screw (4×6)
46 0 C W 2 2 5 4 P 1 0 1 // 47 0 C W 2 2 5 4 P 1 0 6 //	AH		C	Plate Release angle
48 0 C W 2 2 5 4 P 1 0 5 //	AE		C	Paper separation spring
49 0 C W 0 3 0 0 4 0 F Z B P	AA		C	Screw
50 0 C W 2 2 5 4 P 0 2 9 //	AE		C	Supporter
51 0 C W 2 2 5 4 P 1 0 3 //	AG		C	Shutter angle
52 0 C W 2 2 5 4 P 0 1 5 //	AE		C	Shutter
53 0 C W 2 2 5 4 P 0 1 4 / /	AD		C	Shutter arm
54 0 C W 2 2 5 4 P 0 1 7 //	AD		Č	Shutter rod
55 0 C W 2 2 5 4 P 3 0 3 / /	ВА		C	Resist roller
56 0 C W 2 2 5 4 P 1 1 2 / /	AN		C	L reinforce
57 0 C W 2 2 5 4 P 0 5 7 / /	AF		С	Open sensor holder
58 0 C W 2 2 5 4 P 3 3 8 / /	AC		С	Spring
59 0 C W 2 2 5 4 P 0 5 8 / /	ΑE		С	Open sensor lever
60 0 C W E R 0 7 0 S K P / /	AA		С	E type ring 7
62 0 C W 2 2 5 4 P 0 3 1 //	AD		С	SB solenoid link
63 0 C W 2 2 5 4 P 1 1 7 //	AE		С	Flapper solenoid bracket
64 0 C W 0 3 0 0 5 0 F Z W S	AA		<u>C</u>	Screw (M3×5)
65 0 C W 2 2 5 4 P 3 2 0 //	AD		C	Spring SD Colors in heart to the second sec
66 0 C W 2 2 5 4 P 1 1 8 //	AE		<u>C</u>	SB Solenoid bracket
67 0 C W 0 3 0 0 6 0 F Z W S 68 0 C W 2 2 5 4 P 0 2 6 //	AA AF		C	Screw (3×6)
68 0 C W 2 2 5 4 P 0 2 6 / / 69 0 C W 2 2 5 4 P 0 9 2 / /	AF		C	Jam dial
70 0 C W 2 2 5 4 P 0 9 2 / /	AK		C	Gear (GER-0.8-43-N) Pulley gear (PLY-GER-86-58)
71 0 C W 2 2 5 4 P 0 7 3 //	AD		C	Gear (GER-18-24)
71 0 C W 2 2 3 4 F 0 7 3 7 7 72 0 C W N S B L T 0 0 0 5 8	AP		C	Belt (BELTS2M065060)
73 0 C W 2 2 5 4 P 0 7 2 //	AD		C	Pulley gear (PLY-GER-22-24)
74 0 C W 2 2 5 4 P 0 0 4 //	AF		C	Release lever
75 0 C W 2 2 5 4 P 1 0 0 //	AH		C	Release lever spring
76 0 C W 0 3 0 0 6 0 F Z B i	AA		C	Screw (3×6)
77 0 C W 2 2 5 4 P 0 6 9 //	AE		C	H flapper lever
78 0 C W 2 2 5 4 P 3 3 0 //	AD		C	PM tension spring 1
80 0 C W 2 2 5 4 P 3 0 4 / /	ΑE		C	Shutter spring
81 0 C W 2 2 5 4 P 3 6 6 / /	AD		С	Delivery sheet
82 0 C W 2 2 5 4 P 3 4 8 / /	AR		С	Discharger

66 RSPF unit 5(for AR-505)

NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
83	0CW030080FZWS	AΑ		С	Screw (3×8)
84	0CW2254P319//	AD		С	Spring (ASM-MCLK)
85	0 C W 0 2 3 1 2 0 F B W S	AB		С	Screw (M2.3×12)
86	0CW2254P062//	AD		С	Pulley (PLY-S2M-26)
87	0CW2210P092//	AD		С	Pulley (G-18-0.8-5)
89	0CW2254P013//	AP		С	Gear (GER-0.8-40-OW)
91	0 C W S P 0 3 0 1 6 F P A	AC		С	Spring pin (3×16)
	0CW2254P032//	AF		С	Lever
93	0CW2254P346//	AF		С	Protection sheet
	0 C W 0 4 0 0 6 0 F Z S W	AC		С	Screw (M4×6)
101	0 C W E 4 5 0 0 0 1 1 2 8	AC		С	Wire band (RSG-100)
102	0CW2254P404//	BN		В	Motor (MOT-NA4565D03)
104	0CW2254K516//	AH		С	Harness (ASM-DCMOT)
105	0CW2254K506//	AN		С	Harness (ASM-CL)
	0 C W E 3 1 4 0 0 0 6 2 5	ΑL		В	Photo interrupter (GP1A73A)
107	0 C W E 4 5 0 0 0 0 0 0 5	AA		С	Tight band (SKB-1M)
	0 C W E 1 2 0 0 0 1 5 5 1	AM		В	Micro switch (DE2L-FAAA)
	0 C W E 4 5 0 0 0 0 3 8 4	AB		С	Edge suddle (EDS-2)
111	0 C W E 4 5 0 0 0 0 5 7 4	AC		С	Wire clamp (UAMS-05S-2)
	0 C W E 4 5 0 0 0 0 8 9 3	AD		C	Wire holder (EDS-0607U)
	0 C W E 4 5 0 0 0 0 7 0 6	AD		C	Spacer (KGLS-8RT)
	0 C W E 4 5 0 0 0 0 7 3 2	AC		С	Wire clamp (UAMS-05SN)
	0 C W 2 2 5 4 K 5 0 0 / /	AG		С	Harness (ASM-RDS)
	0 C W 2 2 5 4 K 5 1 8 / /	AR		С	Harness (ASM-CYUKEI)
	0 C W 2 2 5 4 K 5 1 1 //	AN		С	Harness (ASM-SOL)
	0CW2254K517//	ΑL		C	Harness (ASM-SW)
	0 C W E 3 1 4 0 0 0 6 1 9	AH		В	Photo sensor (TLP1241(C5))
	0 C W 2 2 5 4 P 4 0 0 //	AY		С	Solenoid (SOL-TDS-10SL-543)
	0CW2254P401//	AY		С	Solenoid (SOL-TDS-10A-1018)
	0 C W E 4 5 0 0 0 1 1 3 0	AF		С	Spacer (SCLS-370-10-01)
	0 C W 2 2 5 4 K 5 1 9 / /	AF		С	Harness (ASM-MCLK)
	0 C W 2 2 5 4 K 5 3 0 //	CA	N	Е	PBA-Control
	0 C W 2 2 5 4 K 5 5 0 //	ΑZ		E	EP ROM ass'y
	0 C W 0 4 0 1 2 0 F Z B B	AB		С	Screw
	0CW4015P164//	AC	N	С	Screw (M46)
	0 C W 0 4 0 0 6 0 F Z B i	AA		С	Screw (M46)
	0CW2254P399//	AD	N	С	Spring
	0CW2254P097//	ΑE	N	С	Glass stopper
	0 C W 0 3 0 0 5 0 F Z B i	AA		С	Screw (M35)
	0CW2254P481//	AD	N	С	Gear (GER-0.8-15-JAMD)
	0CW2254P482//	AD	N	С	Spring
	0 C W H W 0 6 0 F Z N / /	AA	N	С	Washer (M6)
	0CW2254P486//	ΑE	N	С	Release spring
139	0CW2254P476//	AD	N	С	Release cushion





67 RSPF unit(PWB section)(for AR-505)

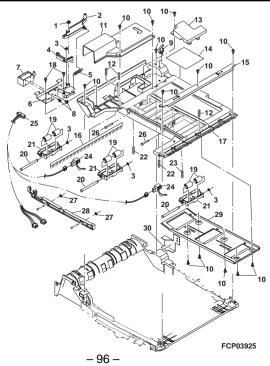
NO.	RSPF unit(PWB se	PRICE	NEW	PART		CRIPTION
		RANK	MARK			
		AB		С	Capacitor (GRM40F104Z50PT)	[C10,67]
2	0 C W E 7 3 3 0 3 Z 1 0 5	AD		С	Capacitor (GRM40F105Z16PT)	[C6,35,41,59,62,68,69,70,88]
3	0 C W E 7 3 4 9 5 K 1 0 2	AB		С	Capacitor (GRM39B102K50PT)	[C38,40,42,45,46,48,50,51,54,73]
	0 C W E 7 3 4 9 5 K 1 0 2	AB		С	Capacitor (GRM39B102K50PT)	[C75~C87,C89~C102]
4	0 C W E 7 3 4 9 5 K 1 0 3	AB		С	Capacitor (GRM39B103K50PT)	[C16,17,19,21,22,24~C28]
	0 C W E 7 3 4 9 5 K 1 0 3	AB		С	Capacitor (GRM39B103K50PT)	[C30,31,43,44,49,66]
5	0 C W E 7 3 4 9 7 Z 1 0 4	AA		С	Capacitor (GRM39F104Z25PT)	[C1,2,4,5,7,8,9,11,12,20,23,33]
	0 C W E 7 3 4 9 7 Z 1 0 4	AA		С	Capacitor (GRM39F104Z25PT)	[C36,37,39,56,58,63,71,72,74]
6	0 C W E 7 3 4 8 8 M 1 0 5	AC		С	Capacitor (SME50VB1MFC)	[C18]
		AC		С	Capacitor (SME16VB47MFC)	[C29,47]
8	0 C W E 7 3 4 9 2 M 1 2 7	AE		С	Capacitor (LXV50VB120MH20FC)	[C52]
9		AC		С	Capacitor (SMG16VB100MFC)	[C53]
	0 C W E 7 3 4 9 6 J 1 0 1	AA		С	Capacitor (GRM39CH101J50PT)	[C55,64]
11	0 C W E 7 3 3 2 8 K 3 3 4	AC		С	Capacitor (GRM40B334K16PT)	[C15]
	0 C W E 7 3 3 8 8 J 3 9 0	AB		С	Capacitor (GRM39CH390J50PT)	[C3,34]
		AB		С	Capacitor (GRM39X7R221K200PT)	[C32,57,60,61]
14		AB		С	Capacitor (GRM39CH180J50PT)	[C14]
15	0 C W E 7 3 3 8 8 J 2 2 0	AB		С	Capacitor (GRM39CH220J50PT)	[C13]
16	0 C W E 7 3 4 9 5 K 5 6 1	AB		С	Capacitor (GRM39B561K50PT)	[C65]
	0 C W E 7 4 3 4 0 W E 1 0	AE		С	Connector (1-173981-0)	[CN7]
	0 C W E 7 4 3 4 0 W E 1 1	AE		С	Connector (1-173981-1)	[CN11]
	0 C W E 7 4 2 9 1 W E 0 4	AC		С	Connector (53258-0420)	[CN2]
20	0 C W E 7 4 3 4 0 W E 0 6	AD		С	Connector (173981-6)	[CN5]
21	0 C W E 7 4 2 9 1 W E 0 2	AD		С	Connector (53258-0220)	[CN3]
22	0 C W E 7 4 4 3 6 W E 0 2	AC		С	Connector (B2B-XH-A)	[CN14]
23	0 C W E 7 4 4 3 6 W E 0 6	AD		С	Connector (B6B-XH-A)	[CN15]
		AD		С	Connector (53253-0710)	[CN1]
	0 C W E 7 4 3 4 0 W E 0 5	AD		С	Connector (173981-5)	[CN4]
26	0 C W E 7 4 3 2 2 W E 0 9	AD		С	Connector (53253-0910)	[CN9]
27	0 C W E 7 4 3 4 0 W E 1 2	AF		С	Connector (1-173981-2)	[CN10]
28	0 C W E 7 4 3 4 0 W E 0 3	AC		С	Connector (173981-3)	[CN6]
29	0 C W E 1 2 0 0 0 1 5 0 5	AF		С	Circuit protecter (ICP-N15 T104)	[CP1]
30	0 C W E 3 1 1 0 0 0 9 7 8	AD		В	Diode (SB02-03Q)	[D2,4]
31	0 C W E 3 1 1 0 0 1 0 3 3	AC		В	Diode (HSM223C)	[D1,5,8]
32	0 C W E 3 1 1 0 0 1 0 4 7	AD		В	Diode (SC016-4)	[D6]
33	0 C W E 3 1 1 0 0 1 0 4 9	ΑE		В	Diode (D1FS6)	[D3,7,9]
34	0 C W E 3 1 1 0 0 0 9 9 1	AD		В	Diode array (DCC010-TB)	[DA1,2,3]
35	0 C W E 3 2 1 0 0 0 3 2 0	AK		В	IC (M51953BFP)	[IC7]
36	0 C W E 3 2 3 0 0 0 3 1 5	BB		В	IC (M37702S1AFP)	[IC1]
37	0 C W E 3 2 1 0 0 0 6 3 6	AG		В	IC (LA6324NM)	[IC10]
38	0 C W E 3 2 1 0 0 0 7 0 6	AR		В	IC (MB88347PF-G-BND-EF)	[IC6]
39	0 C W E 3 2 1 0 0 0 7 1 7	BE		В	IC (STK672-050)	[IC4]
40	0CWE7702006//	AG		В	IC (HD74LS06FP)	[IC11]
41	0 C W E 3 2 3 0 0 0 3 5 5	AK		В	IC (93LC46ATSN)	[IC9]
42	0CW2254P999//	ΑT		В	IC (LSI-LC22017CT-RB2)	[IC2]
43	0 C W E 7 7 0 4 9 1 4 / /	AF		В	IC (HD74LV14FP)	[IC8]
44		AF		В	IC (LA6339ML)	[IC5]
45	0CWE7703200F/	AF		В	IC (TC7W00F)	[IC13]
	0 C W E 2 3 0 0 0 0 0 3 6	AN		C	Coil (SK-5M-4)	[L1,4]
	0 C W E 2 5 0 0 0 0 1 8 2	AN		В	Cristal (HC-49/U03 12.800MHZ)	[OSC1]
	0 C W E 2 5 0 0 0 0 1 4 1	AG		В	Ceramic resonator (CST5.0MGW040)	[OSC2]
	0 C W E 2 4 0 0 0 0 3 9 3	AL		В	Posistor (PTH8L13AR6R8M6C053)	[PTH1]
	0 C W E 3 1 2 0 0 1 0 8 1	AB		В	Transistor (FA1L3N)	[Q5,6,19]
	0 C W E 3 1 2 0 0 0 0 9 0	AC		В	Transistor (2SC2712GR)	[Q8,9,10]
	0 C W E 3 1 2 0 0 1 2 9 3	AR		В	Transistor (2SJ265)	[Q17]
	0 C W E 3 1 2 0 0 1 3 3 7	ΑF		R	Transistor (RN2424)	
	0 C W E 3 1 2 0 0 1 3 3 7	AE AH		B	Transistor (RN2424) Transistor (2SK1471)	[Q18]
54	0 C W E 3 1 2 0 0 1 2 8 2	AH		В	Transistor (2SK1471)	[Q18] [Q1,4,14,15]
54 55	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7	AH AE		B B	Transistor (2SK1471) Transistor (FC144)	[Q18] [Q1,4,14,15] [Q3]
54 55 56	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1	AH AE AM		B B B	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895)	[Q18] [Q1,4,14,15] [Q3] [Q21,22]
54 55 56 57	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0	AH AE AM AS		B B B	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264)	[Q18] [Q1,4,14,15] [Q3] [Q21,22] [Q13,16]
54 55 56 57 58	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1	AH AE AM AS AA		B B B C	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J)	[Q18 [Q1,4,14,15] [Q3] [Q21,22] [Q13,16] [R1]
54 55 56 57 58 59	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 4 7 2	AH AE AM AS AA		B B B C	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7KΩJ)	[Q18] [Q1,4,14,15] [Q3] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152]
54 55 56 57 58 59 60	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 4 7 2 0 C W E 7 0 2 2 8 J 2 2 3	AH AE AM AS AA AA		B B B C C	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7KΩJ) Resistor (RK73K1JTD 22KΩJ)	[Q18] [Q1,4,14,15] [Q3,22] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20]
54 55 56 57 58 59 60 61	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 2 2 3 0 C W E 7 0 2 2 8 J 1 0 5	AH AE AM AS AA AA		B B B C C	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 22ΚΩJ) Resistor (RK73K1JTD 11MΩJ)	[Q18] [Q1,4,14,15] [Q3,23] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3]
54 55 56 57 58 59 60 61 62	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 2 2 3 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 2	AH AE AM AS AA AA AA		B B B C C C	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7KΩJ) Resistor (RK73K1JTD 2ZKΩJ) Resistor (RK73K1JTD 1MΩJ) Resistor (RK73K1JTD 1MΩJ)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154]
54 55 56 57 58 59 60 61 62 63	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 4 7 2 0 C W E 7 0 2 2 8 J 2 2 3 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 2 0 C W E 7 0 2 2 8 J 1 0 4	AH AE AM AS AA AA AA AA		B B B C C C	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7KΩJ) Resistor (RK73K1JTD 1MΩJ) Resistor (RK73K1JTD 1MΩJ) Resistor (RK73K1JTD 1MΩJ) Resistor (RK73K1JTD 1MΩJ)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22]
54 55 56 57 58 59 60 61 62 63	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 4 7 2 0 C W E 7 0 2 2 8 J 2 2 3 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 2 0 C W E 7 0 2 2 8 J 1 0 2 0 C W E 7 0 2 2 8 J 1 0 4 0 C W E 7 0 2 3 1 F 1 0 3	AH AE AM AS AA AA AA AA AA		B B B C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7KΩJ) Resistor (RK73K1JTD 22KΩJ) Resistor (RK73K1JTD 1MΩJ) Resistor (RK73K1JTD 1KΩJ) Resistor (RK73K1JTD 1KΩJ) Resistor (RK73K1JTD 100KΩJ) Resistor (RK73H1JTD10KF)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q21,22] [Q13,16] [R14,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R96]
54 55 56 57 58 59 60 61 62 63	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 4 7 2 0 C W E 7 0 2 2 8 J 2 2 3 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 4 0 C W E 7 0 2 2 8 J 1 0 4 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3	AH AE AM AS AA AA AA AA AA AA		B B B C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 122ΚΩJ) Resistor (RK73K1JTD 11ΚΩJ) Resistor (RK73K1JTD 11ΚΩJ) Resistor (RK73K1JTD 100ΚΩJ) Resistor (RK73K1JTD 100ΚΩJ) Resistor (RK73K1JTD 100ΚΩJ) Resistor (RK73K1JTD 10KΩJ)	[Q18] [Q1,4,14,15] [Q3,16] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R96] [R21,44,45,47,49,50,53,54,55]
54 55 56 57 58 59 60 61 62 63	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 4 7 2 0 C W E 7 0 2 2 8 J 2 2 3 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 4 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3	AH AE AM AS AA AA AA AA AA AA AA AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7KΩJ) Resistor (RK73K1JTD 14.7KΩJ) Resistor (RK73K1JTD 14ΩJ) Resistor (RK73K1JTD 14ΩJ) Resistor (RK73K1JTD 100KΩJ) Resistor (RK73H1JTD10KF) Resistor (RK73K1JTD 10KΩJ) Resistor (RK73K1JTD 10KΩJ) Resistor (RK73K1JTD 10KΩJ)	[Q18] [Q14,14,15] [Q3,122] [Q21,22] [Q13,16] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R2,2] [R96] [R27,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113]
54 55 56 57 58 59 60 61 62 63 64	0 C W E 3 1 2 0 0 1 2 8 2 0 C W E 3 1 2 0 0 1 3 7 7 0 C W E 3 1 2 0 0 1 2 4 1 0 C W E 3 1 2 0 0 1 2 9 0 0 C W E 7 0 2 2 8 J 8 2 1 0 C W E 7 0 2 2 8 J 4 7 2 0 C W E 7 0 2 2 8 J 2 2 3 0 C W E 7 0 2 2 8 J 1 0 5 0 C W E 7 0 2 2 8 J 1 0 2 0 C W E 7 0 2 2 8 J 1 0 4 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3 0 C W E 7 0 2 2 8 J 1 0 3	AH AE AM AS AA AA AA AA AA AA AA AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 14.7ΚΩJ) Resistor (RK73K1JTD 14ΩJ) Resistor (RK73K1JTD 14ΩJ) Resistor (RK73K1JTD 100KΩJ) Resistor (RK73K1JTD 100KΩJ) Resistor (RK73K1JTD 10KΩJ)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R18,19,20] [R14,15,24,29,51,81,82,154] [R22] [R96] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114~117,R119,120,122,124]
54 55 56 57 58 59 60 61 62 63 64	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 4 7 2 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 2 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3	AH AE AM AS AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 1.7ΚΩJ)	[Q18 [Q1,4,14,15] [Q3,4,14,15] [Q3,1,22] [Q13,16] [R1,10,152] [R14,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R26] [R27,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114~117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156]
54 55 56 57 58 59 60 61 62 63 64	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 2 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3	AH AE AM AS AA		B B B B C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 12ΣΚΩJ) Resistor (RK73K1JTD 1ΜΩJ) Resistor (RK73K1JTD 1ΜΩJ) Resistor (RK73K1JTD 10KΩJ)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R26] [R27]
54 55 56 57 58 59 60 61 62 63 64 65	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 2 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3	AH AE AM AS AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 1.7 22ΚΩJ) Resistor (RK73K1JTD 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	[Q18] [Q1,4,14,15] [Q3,1,21,16] [Q21,22] [Q21,22] [Q13,16] [R1,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R96] [R22] [R96] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114~117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R83,84,85] [R83,84,85] [R25,26,27]
54 55 56 57 58 59 60 61 62 63 64 65	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 2 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 3 3 3 O C W E 7 0 2 2 8 J 3 3 3 1 O C W E 7 0 2 2 8 J 3 3 3 1	AH AE AM AS AA		B B B B C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 1.7KΩJ) Resistor (RK73K1JTD 3.7MZ]	[Q18] [Q1,4,14,15] [Q3] [Q21,22] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114-117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R83,84,85] [R25,66,27] [R23]
54 55 56 57 58 59 60 61 62 63 64 65 66 67 68	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 3 3 1 O C W E 7 0 2 2 8 J 3 3 1 O C W E 7 0 2 2 6 J 2 2 2	AH AE AM AS AA		B B B B C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 14.7ΚΩJ) Resistor (RK73K1JTD 14ΩJ) Resistor (RK73K1JTD 14ΩJ) Resistor (RK73K1JTD 100ΚΩJ) Resistor (RK73K1JTD 100ΚΩJ) Resistor (RK73K1JTD 10KΩJ) Resistor (RK73K1JTD330J) Resistor (RK73K2ESTD 82ΩJ) Resistor (RK73K2ESTD 82ΩJ) Resistor (RK73K2ESTD 82ΩJ)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q21,22] [Q13,16] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R96] [R96] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114~117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R83,84,85] [R25,26,27] [R23] [R10,74,95]
54 55 56 57 58 59 60 61 62 63 64 65 66 67 68	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 4 1 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 4 7 2 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 0 O C W E 7 0 2 2 8 J 1 0 0 O C W E 7 0 2 2 8 J 1 0 0 O C W E 7 0 2 2 8 J 1 0 0 O C W E 7 0 2 2 8 J 3 3 1 O C W E 7 0 2 2 6 J 2 2 2 O C W E 7 0 2 2 6 J 2 2 2	AH AE AM AS AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 1.7ΚΩJ) Resistor (RK73K1JTD330J) Resistor (RK73K1JTD330J) Resistor (RK73K2ESTD2.2KJ) Resistor (RK73K2ESTD2.2KJ) Resistor (RK73K1JTD1KΩF)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R96] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114~117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R83,84,85] [R25,26,27] [R23] [R10,74,95] [R10,74,95] [R9,42,46,62,63]
54 55 56 57 58 60 61 62 63 64 65 66 67 68 69 70	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 0 O C W E 7 0 2 2 8 J 3 3 1 O C W E 7 0 2 2 8 J 3 3 1 O C W E 7 0 2 2 6 J 6 8 0 O C W E 7 0 2 2 6 J 2 2 2 O C W E 7 0 2 3 1 F 1 0 2 O C W E 7 0 2 3 1 F 1 0 2	AH AE AM AS AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 1.7ΚΩJ) Resistor (RK73K1JTD1330J) Resistor (RK73K2ATD10ΩJ) Resistor (RK73K2ATD10ΩJ) Resistor (RK73H1JTD1KΩF) Resistor (RK73H1JTD1KΩF)	[Q18] [Q1,4,14,15] [Q3] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R96] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114~117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R83,84,85] [R25,26,27] [R23] [R10,74,95] [R10,74,95] [R10,74,95] [R10,74,95] [R10,74,95] [R10,74,95] [R10,74,95] [R21,44,45,47,49,50,53,54,55] [R114~117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R10,74,95] [R25,26,27] [R23]
54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 2 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 3 3 1 O C W E 7 0 2 2 6 J 6 8 0 O C W E 7 0 2 2 6 J 6 8 0 O C W E 7 0 2 2 6 J 5 J 1 0 0 O C W E 7 0 2 2 6 J 5 J 1 0 0 O C W E 7 0 2 2 6 J 5 J 1 0 0 O C W E 7 0 2 2 6 J 5 J 1 0 0 O C W E 7 0 2 2 6 J 6 8 2 O C W E 7 0 2 3 1 F 6 8 2 O C W E 7 0 2 3 1 F 6 8 2	AH AE AM AS AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 1.7ΚΩJ) Resistor (RK73K1JTD1.7ΚΩF) Resistor (RK73H1JTD1KΩF) Resistor (RK73H1JTD11KF) Resistor (RSSX2 0.22ΩJ)	[Q18] [Q14,14,15] [Q3] [Q21,22] [Q13,16] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R23,3] [R14,15,24,29,51,81,82,154] [R22] [R96] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114-117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R83,84,85] [R25,26,27] [R23] [R10,74,95] [R10,74,95] [R24,46,62,63] [R10,74,95] [R10,74,95] [R25,26,27] [R23,34] [R39,40]
54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	O C W E 3 1 2 0 0 1 2 8 2 O C W E 3 1 2 0 0 1 3 7 7 O C W E 3 1 2 0 0 1 2 4 1 O C W E 3 1 2 0 0 1 2 9 0 O C W E 7 0 2 2 8 J 8 2 1 O C W E 7 0 2 2 8 J 2 2 3 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 5 O C W E 7 0 2 2 8 J 1 0 2 O C W E 7 0 2 2 8 J 1 0 4 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 3 O C W E 7 0 2 2 8 J 1 0 0 O C W E 7 0 2 2 8 J 3 3 1 O C W E 7 0 2 2 6 J 2 2 2 O C W E 7 0 2 3 1 F 1 0 2 O C W E 7 0 2 3 1 F 6 8 2 O C W E 7 0 2 3 1 F 6 8 2	AH AE AM AS AA		B B B C C C C C C C C C C C C C C C C C	Transistor (2SK1471) Transistor (FC144) Transistor (FC144) Transistor (2SK1895) Transistor (ASJ264) Resistor (RK73K1JTD820J) Resistor (RK73K1JTD 4.7ΚΩJ) Resistor (RK73K1JTD 1.7ΚΩJ) Resistor (RK73K1JTD1330J) Resistor (RK73K2ATD10ΩJ) Resistor (RK73K2ATD10ΩJ) Resistor (RK73H1JTD1KΩF) Resistor (RK73H1JTD1KΩF)	[Q18] [Q1,4,14,15] [Q3,16] [Q21,22] [Q13,16] [R1] [R4,7,11,12,13,17,37,61,99,135,140,152] [R18,19,20] [R2,3] [R14,15,24,29,51,81,82,154] [R22] [R96] [R22] [R96] [R21,44,45,47,49,50,53,54,55] [R57,80,97,98,104,106,109,112,113] [R114-117,R119,120,122,124] [R125,127,129,131,142,147,148,150,153,156] [R83,84,85] [R83,84,85] [R25,26,27]

67 RSPF unit(PWB section)(for AR-505)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESC	CRIPTION
75	0 C W E 7 0 2 3 1 F 4 7 3	AA		С	Resistor (RK73H1JTD47KF)	[R35,41,126]
76	0 C W E 7 0 2 3 1 F 1 5 2	AA		С	Resistor (RK73H1JTD1.5KΩF)	[R38,132]
77	0 C W E 7 0 2 3 1 F 2 2 2	AA		С	Resistor (RK73H1JTD2.2KF)	[R8]
78	0 C W E 7 0 2 2 5 J 5 6 2	AA		С	Resistor (RK73K2ATD5.6KΩJ)	[R5]
79	0 C W E 7 0 2 2 6 J 1 8 2	AA		С	Resistor (RK73K2ESTD1.8KJ)	[R144]
80	0 C W E 7 0 2 2 6 J 2 7 2	AA		С	Resistor (RK73K2ESTD2.7KJ)	[R30,52,71,72]
81	0 C W E 7 0 2 2 8 J 1 5 3	AA		С	Resistor (RK73K1JTD 15KΩJ)	[R32,R48,90~R93]
82	0 C W E 7 0 2 2 5 J 3 6 1	AA		С	Resistor (RK73K2ATD 360ΩJ)	[R58,59,60,88,94,151]
83	0 C W E 7 0 2 2 5 J 1 8 2	AA		С	Resistor (RK73K2ATD 1.8KJ)	[R75,103]
	0 C W E 7 0 2 3 1 F 4 7 2	AA		С	Resistor (RK73H1JTD4.7KF)	[R28,121]
85	0 C W E 7 0 2 3 1 F 1 0 1	AA	N	С	Resistor (RK73H1JTD100ΩF)	[R31,110,111,108,139,141]
86	0 C W E 7 1 0 4 7 J 1 0 3	AC		В	Block resistor (CN1J4TD10KJ)	[RA1,2,3]
87	0 C W E 2 4 0 0 0 0 3 1 7	AK		Α	Fuse (RXE250)	[F1]
88	0 C W E 4 2 0 0 0 1 0 1 1	AC		С	Check pin (LC-3-SBK)	[TP32,33,34,48,]
89	0 C W E 7 6 0 0 5 A 6 R 2	ΑE		В	Zener diode (RD6.2FB)	[ZD4]
90	0 C W E 7 6 0 0 8 H 1 6 0	AD		В	Zener diode (RD16MB2)	[ZD1,2,5]
91	0 C W E 7 4 2 6 9 B K 2 8	AD		С	IC Socket(for IC3) (2-641605-3)	

68 ADU unit 1

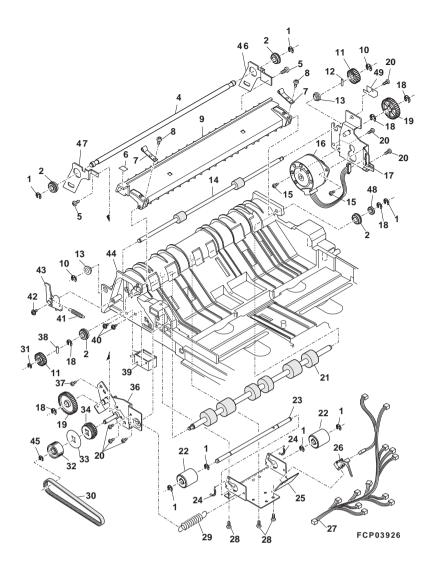
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XRESP70-08000	AA		С	E type ring
2	MLEVP0765FCZZ	ΑE		С	ADU release lever
3	XRESP50-06000	AA		С	E type ring
	MLEVP0757FCZZ	AC		С	Separator solenoid lever
	MSPRC2653FCZZ	AC		С	Separator spring
	CPLTM5444FC01	AM		C	Separator solenoid fixing plate
	RPLU-0314FCZZ	BC		В	Cylinder solenoid
	XBPSD30P06KS0	AA		С	Screw (3×6KS)
,	LHLDW1057FCZZ	AB		С	Wire holder (LWS35)
	XEBSD40P12000	AA		С	Screw (4×12)
	PCŌVP1459FCZZ	AK		С	Solenoid cover
	MSPRC2691FCZZ	AB		С	ADU earth spring
	PCOVP1458FCZZ	AF		С	ADU harness cover
	TLABH4244FCZZ	ΑE		С	JAM instruction label
	PGiDH1795FCZZ	AF		С	ADU upper exit paper guide
	PBRSS0196FCZZ	AK		В	ADU discharge brush
	PGiDM1812FCZZ	AY		С	ADU upper paper guide
	XHBSD40P08000	AA		С	Screw (4×8)
	NRŌLP0896FCZZ	AC		С	Transport roller
	NSFTZ2476FCZZ	AL		С	ADU separator shaft
	MARMP0249FCZZ	ΑE		С	Roller separator arm
	MSPRC2654FCZ1	AB		С	Separator pressure spring
	MSPRC2701FCZZ	AC		С	Separator pressure spring B
	QSW-Z0516FCZZ	AP		В	DPPD1 switch
	DHA i - 2870FCZZ	AK		С	ADU upper PG harness
	NSFTZ2492FCZZ	AB		С	Separator link slide shaft
	XRESP20-04000	AA		С	E type ring
		ΑE		С	Separator link plate
	PGiDH1794FCZZ	AM		С	ADU paper guide upper B
30	PSHEP4667FCZZ	AD		С	ADU connector protection sheet



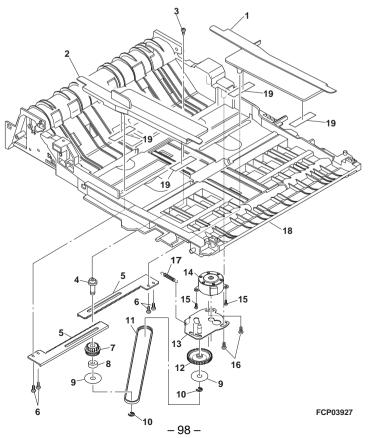
69 ADU unit 2

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XRESP50-06000	AA		С	E type ring
2	NBRGY0466FCZZ	AK		В	Ball bearing
	NSFTZ2475FCZZ	AP		С	Shaft
5	L X - B Z 0 5 0 3 F C Z Z	AA		С	Screw (4×8)
6	T L A B Z 4 2 4 5 F C Z 1	AB		С	PG label
7	MSPRP1881FCZ1	AF		С	Size G lock plate N
8	XEBSD30P08000	AA		С	Screw (3×8)
9	PGiDM1814FCZZ	AQ		С	ADU paper guide
10	XRESP40-06000	AA		С	E type ring
	NGERH0755FCZZ	AB		С	Gear (26T)
	LPiNS0320FCZZ	AB		С	Spring pin (\phi2\times8)
13	NBRGC0387FCZZ	AB		С	Bearing
14	NRŌLR1221FCZZ	AQ		С	Turnover roller [AR-405
	NRŌLR1291FCZZ		N	С	Turnover roller [AR-505
15	XHBSD40P08000	AA		С	Screw (4×8)
	RMŌTP0830FCZZ	AY		В	DSBM turnover motor
17	CPLTM5443FC02	AH		С	ADU motor fixing plate
	XRESP70-08000	AA		С	E type ring
19	NGERH0493FCZZ	AD		С	Gear (46T)
20	XEPSD40P10000	AA		С	Screw (4×10)
21	NRŌLR1222FCZZ	AY		С	ADU turnover roller (Inch series
	NRŌLR1275FCZZ	AY		С	ADU turnover roller (AB series
	PCLR-0421FCZ1	AF		С	Turnover collar
	NSFTZ2474FCZZ	AL		С	Turnover roller
	MSPRC2604FCZZ	AD		С	Pressure spring
25	LPLTM5447FCZZ	AH		С	DPPD1 fixing plate
	QSW-Z0516FCZZ	AP		В	DPPD1 switch
	DHA i - 2868FCZZ	BA		С	ADU harness
	XEBSD40P12000	AA		С	Screw (4×12)
29	MSPRC1312FCZZ	AB		С	Spring
30	NBLTH0153FCZZ	AF		В	Belt B
	XRESP40-06000	AA		С	E type ring
	JKNBZ0135FCZZ	AD		С	ADU knob
	PSHEP4549FCZZ	AC		С	ADU flange sheet
	NGERH0557FCZZ	AC		С	Gear (30/36T)
	CPLTM5445FC01	AQ		С	Drive boss fixing plate
	L X - B Z 0 8 2 3 F C Z Z	AB		С	Screw (4×10)
	LPiNS0165FCZZ	AB		С	Pin (∮2×8)
39	RPLU-0310FCZZ	AR		В	Solenoid
40	XBPSD30P06KS0	AA		С	Screw (3×6KS)
	MSPRC2651FCZZ	AB		С	Gate spring
	XEPSD30P08X00	AA		С	Screw (3×8X)
	LANGT1396FCZZ	AC		С	Gate angle
	LFRM-0963FCZZ	BB		С	ADU frame
45	L X - W Z 0 3 1 6 F C Z Z	AA		С	Washer
46	LPLTM5680FCZZ	AD		С	[AR-40
40	LPLTM5691FCZZ	AD	N	С	[AR-50
47	LPLTM5681FCZZ	AD		С	[AR-40
	LPLTM5692FCZZ	AD	N	С	[AR-50
48	NBRGP0573FCZZ	AF		С	Bearing
	QEARP0109FCZZ	AD		С	Earth frame
49		—		_	

	T.				
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
	LPLTP5454FCZZ	AH		С	Adjustment plate R
	LPLTP5453FCZZ	AH		С	Adjustment plate F
	XBPSD30P08000	AA		С	Screw (3×8)
	NSFTZ2477FCZZ	AG		С	Size guide boss A
	NGERR1230FCZZ	AF		С	Rack gear
	XEBSD40P08000	AA		С	Screw (4×8)
	NGERH1228FCZZ	AD		С	Belt gear
_	NBRGY1032HCZZ	AB		В	Bearing
_	PSHEP2340FCZZ	AA		С	Flange sheet DUP
10	XRESP50-06000	AA		С	E type ring
11	NBLTH0296FCZZ	AG		В	232MXL belt
12	NGERH1270FCZZ	ΑE		С	Adjustment gear
	CPLTM5450FC01	AH		С	SG motor adjust plate
	RMŌTP0566FCZZ	AV		В	Pulse motor A
	XEBSD30P08000	AA		С	Screw (3×8)
	XEBSD40P12000	AA		С	Screw (4×12)
	MSPRT1944FCZZ	AA		С	Belt tension spring
18	LFRM-0963FCZZ	BB		С	ADU frame
19	PSHEZ4774FCZZ	AC	N	С	Sheet

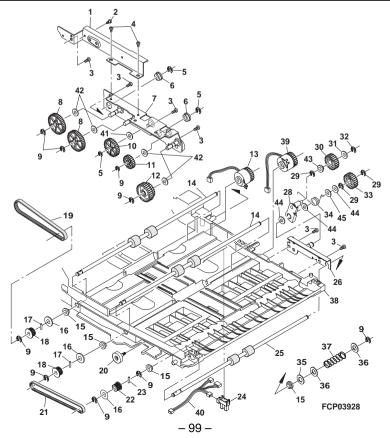


70 ADU unit 3



71 ADU unit 4

NO.	PARTS CODE	PRICE RANK	PART RANK	DESCRIPTION
	LANGT1397FCZZ	AK	C	ADU fixing angle R
	L X - B Z 0 8 2 3 F C Z Z	AB	С	Screw (4×10)
	XEPSD40P10000	AA	С	Screw (4×10)
	XHBSD40P08000	AA	С	Screw (4×8)
	XRESP40-06000	AA	С	E type ring
-	NBRGC0136FCZZ	AC	С	Bearing
	CFRM-0964FC01	AQ	С	ADU drive frame
	NGERH0254FCZZ	AC	С	DV gear (36T)
	XRESP50-06000 NGERH0066GCZZ	AA AC	С	E type ring
	NGERHO8885FCZZ	AC	C	Gear C (31T) Gear (22T)
	CGERH1268FC02	AG	C	ADU gear (24/30T)
	PCLC-0290FCZZ	AV	В	ADU transport clutch
	NRŌLR1223FCZ1	AS	С	ADU transport cutori
	NBRGC0387FCZZ	AB	C	Bearing Bearing
	L X - W Z 0 3 2 8 F C Z Z	AA	C	Flange spacer (\phi16)
	LPiNS0075FCZZ	AB	C	Pin (φ3×10)
18	NPLYZ0254FCZZ	AD	С	Pulley 24
19	NBLTH0153FCZZ	AF	В	Belt B
	NBRGY0592FCZZ	AF	В	ADU guide collar
	NBLTH0295FCZZ	AG	В	145MXL belt
	NPLYZ0282FCZZ	AC	С	Pusher drive pulley
	LPiNS0320FCZZ	AB	С	Spring pin (φ2×8)
	VHPGP1A71A1-1	AG	В	Photo sensor (GP1A71A1)
	NRŌLR1224FCZZ	AQ	С	ADU transport roller 3
	CFRM-0970FC01	AH	С	ADU drive frame B
	L X - W Z O O 1 7 F C Z Z	A A AM	С	Adjusting washer
	C A R M M O 2 4 0 F C O 1 X R E S P 7 0 - 0 8 0 0 0	AM	С	Drive joint arm
	NGERHO111FCZZ	AD	C	E type ring Gear (24T)
	LX-WZ0139FCZZ	AA	C	Washer (T08\(\phi\)5-12)
	XRESP30-04000	AA	C	E type ring
	NGERH0128FCZZ	AC	C	Gear (24T)
	MSPRC2652FCZZ	AC	C	Jiont arm spring
	L X - W Z 0 1 1 2 F C Z Z	AA	C	Separator boss C washer
36	L X - W Z 0 3 2 5 F C Z Z	AA	C	Washer (\(\phi 6-12 \)
37	MSPRC2702FCZZ	AC	C	ADU brake spring
38	LFRM-0963FCZZ	BB	С	ADU frame
39	PCLC-0291FCZZ	AY	В	ADU transport clunch B
	DHAi-2869FCZZ	AH	С	ADU frame unit harness
	L X - W Z 0 2 2 7 F C Z Z	AA	С	Washer
	L X - W Z 0 2 7 8 F C Z Z	AA	С	Washer
	PCLR-0448FCZZ	AE	С	ADU collar (\phi27)
	L X - W Z 0 0 7 0 F C Z Z	AA	С	MG roller washer
45	L X - W Z 0 0 4 2 F C Z 1	AA	С	Washer



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PARTS CODE	■ Index					
CORDMON CORD DARTS CODE	NO	PRICE	NEW	PART		
CARMO240FC01 71-28 AM C C CBOX-0116FCE1 15-901 BT E CBOX-0116FCE2 15-901 BT N E CBOX-0116FCE2 15-901 BT N E CBOX-0117FCE1 14-901 BH E CBOX-0117FCE2 14-901 BH E CBOX-0117FCE2 14-901 BH E CBOX-0117FCE2 14-901 BH E CBOX-0117FCE4 14-901 BH E CBOX-0117FCE4 14-901 BH E CBOX-0117FCE6 14-901 BA N C CBTN-0239FC02 3-18 AN C CBTN-0239FC03 3-18 AN C CCBTN-0239FC03 3-18 AN C CCBTN-0241FC01 3-22 AL C CCBTN-0241FC01 3-22 AL C CCAB-0888FC37 1-10 BD E CCAB-0888FC37 1-10 BD E CCAB-0888FC38 1-10 BD E CCAB-0888FC38 1-10 BD E CCAB-0888FC38 1-10 BC E CCAB-0888FC38 1-10 BC E CCAB-0888FC38 1-10 BC E CCAB-0888FC38 1-10 BC E CCAB-0888FC39 1-10 BC E CCAB-0888FC38 1-10 BC E CCAB-088FC39 1-10 BC E CCAB-088FC36 1-10 BC E CCAB-088FC38 1-10 BC E CCAB-088FC39 1-10 BC E CCAB-088FC38 1-10 BC E CCAB-088FC39 1-10 BC E CCAB-088FC39 1-10 BC E CCAB-082FC62 1-10 BD E CCAB-0927FC35 1-10		NO.	RANK	MARK	RANK	
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CBOX-0117FCE3						
CBOX-0117FCE4						
CBOX-0117FCE5						
CBDX-0117FCE6				N.I		
CBTN-0239FC03						
CBTN-0239FC03				IN		
CBTN-0249FC05						
CBTN-0241FC01				NI		
CBN-0242FC01				IN		
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## 25-901 BT E CFRM-0939FC54 12- 7 BT E ## 24-901 BT E ## 25-901 BT E ## 25-901 BT E CFRM-0939FC55 12- 7 BU N E ## 24-901 BU N E ## 25-901 BU N E CFRM-0940FC01 24- 32 AZ C CFRM-0941FC02 24- 15 AM C CFRM-0943FC51 12- 2 AZ N E CFRM-0943FC51 12- 2 AZ N E CFRM-0943FC51 12- 2 AZ N E CFRM-0943FC71 28-901 AZ N E CFRM-0943FC71 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0945FC02 27- 5 AU C CFRM-0945FC31 12- 6 BV E ## 26-901 BV E ## 26-901 BV E ## 26-901 BU E CFRM-0945FC34 12- 6 BW N E ## 26-901 BW N E ## 27-901 BW N E	CFRM-0939FC53	12- 7	ВТ		Е	
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" 24-901 BT E " 25-901 BT E CFRM-0939FC55 12- 7 BU N E " 24-901 BU N E " 25-901 BU N E CFRM-0940FC01 24-32 AZ C C CFRM-0941FC02 24-15 AM C C CFRM-0943FC01 28-3 AL C C CFRM-0943FC51 12-2 AZ N E CFRM-0943FC71 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0945FC31 12-6 BV E CFRM-0945FC31 12-6 BV E " 26-901 BV E " 26-901 BV E CFRM-0945FC33 12-6 BU E " 26-901 BU E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E CFRM-0946FC02 </td <td>//</td> <td></td> <td>ВТ</td> <td></td> <td>Е</td> <td></td>	//		ВТ		Е	
" 24-901 BT E " 25-901 BT E CFRM-0939FC55 12- 7 BU N E " 24-901 BU N E " 25-901 BU N E CFRM-0940FC01 24-32 AZ C C CFRM-0941FC02 24-15 AM C C CFRM-0943FC01 28-3 AL C C CFRM-0943FC51 12-2 AZ N E CFRM-0943FC71 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0945FC31 12-6 BV E CFRM-0945FC31 12-6 BV E " 26-901 BV E " 26-901 BV E CFRM-0945FC33 12-6 BU E " 26-901 BU E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E CFRM-0946FC02 </td <td>CFRM-0939FC54</td> <td></td> <td>ВТ</td> <td></td> <td></td> <td></td>	CFRM-0939FC54		ВТ			
CFRM-0939FC55 12- 7 BU N E " 24-901 BU N E " 25-901 BU N E CFRM-0940FC01 24-32 AZ C C CFRM-0941FC02 24-15 AM C C CFRM-0943FC01 28-3 AL C C CFRM-0943FC51 12- 2 AZ N E C CFRM-0943FC52 12- 2 AZ N E C CFRM-0943FC71 28-901 AZ N E C CFRM-0943FC72 28-901 AZ N E C CFRM-0945FC02 27- 5 AU C C CFRM-0945FC31 12- 6 BV E E " 26-901 BV E " 26-901 BV E CFRM-0945FC34 12- 6 BU E E " 26-901 BU E CFRM-0945FC34 12- 6 BW N E E " 27-901 BU C CFRM-0945FC34 12- 6 BW N E E " 27-901 BW N E CFRM-0945FC34 12- 6 BW N E E " 27-901 BW N E CFRM-0946FC02 26-24 BA C C			ВТ			
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## 25-901 BU N E CFRM-0940FC01 24- 32 AZ C CFRM-0941FC02 24- 15 AM C CFRM-0943FC51 12- 2 AZ N E CFRM-0943FC51 12- 2 AZ N E CFRM-0943FC71 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0945FC02 27- 5 AU C CFRM-0945FC31 12- 6 BV E ## 26-901 BV E CFRM-0945FC33 12- 6 BU E ## 27-901 BU E CFRM-0945FC34 12- 6 BW N E CFRM-0945FC34 12- 6 BW N E ## 26-901 BU E CFRM-0945FC34 12- 6 BW N E CFRM-0945FC34 12- 6 BW N E ## 27-901 BW N E CFRM-0945FC34 12- 6 BW N E ## 26-901 BW N E ## 27-901 BW N E ## 26-901 BW N E ## 27-901 BW N E		12- 7		N	E	
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CFRM-0943FC51 12- 2 AZ N E CFRM-0943FC52 12- 2 AZ N E CFRM-0943FC71 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0945FC02 27- 5 AU C C CFRM-0945FC31 12- 6 BV E " 26-901 BV E " 27-901 BV E CFRM-0945FC33 12- 6 BU E " 26-901 BU E " 27-901 BU E CFRM-0945FC34 12- 6 BW N E " 26-901 BW N E " 26-901 BW N E CFRM-0945FC34 12- 6 BW N E " 26-901 BW N E " 27-901 BW N E CFRM-0946FC02 26-24 BA C		24- 15			С	
CFRM-0943FC52 12- 2 AZ N E CFRM-0943FC71 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0945FC02 27- 5 AU C CFRM-0945FC31 12- 6 BV E " 26-901 BV E " 27-901 BV E CFRM-0945FC33 12- 6 BU E " 26-901 BU E " 27-901 BU E CFRM-0945FC34 12- 6 BW N E " 26-901 BW N E CFRM-0945FC34 12- 6 BW N E " 26-901 BW N E CFRM-0946FC02 26-901 BW N E						
CFRM-0943FC71 28-901 AZ N E CFRM-0943FC72 28-901 AZ N E CFRM-0945FC02 27-5 AU C CFRM-0945FC31 12-6 BV E " 26-901 BV E " 27-901 BV E CFRM-0945FC33 12-6 BU E " 26-901 BU E " 27-901 BU E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E " 26-901 BW N E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E " 27-901 BW N E CFRM-0946FC02 26-24 BA C				N		
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CFRM-0945FC31 12-6 BV E " 26-901 BV E " 27-901 BV E CFRM-0945FC33 12-6 BU E " 26-901 BU E " 27-901 BU E CFRM-0945FC34 12-6 BW N E " 26-901 BW N E " 26-901 BW N E " 27-901 BW N E CFRM-0946FC02 26-24 BA C				N		
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CFRM-0945FC33 12- 6 BU E " 26-901 BU E " 27-901 BU E CFRM-0945FC34 12- 6 BW N E " 26-901 BW N E " 27-901 BW N E CFRM-0946FC02 26- 24 BA C						
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" 27-901 BW N E CFRM-0946FC02 26-24 BA C						
CFRM-0946FC02 26-24 BA C						
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PARTS CODE	NO.	PRICE	NEW	PART	
		RANK	MARK	RANK	
CFRM-0946FC03 CFRM-0948FC01	26- 24	BA AT	N	С	
CFRM-0948FC02	29- 11 29- 11	AR	N	C	
CFRM-0953FC01	17- 23	AU	11	C	
CFRM-0953FC02	17- 23	AS		C	
CFRM-0954FC02	22- 21	AL		C	
CFRM-0956FC01	31- 17	AW		С	
"	32- 4	AW		С	
CFRM-0956FC31	31-901	BS		Е	
"	32-901	BS		E	
CFRM-0964FC01	71- 7	AQ		С	
CFRM-0970FC01	71- 26	AH		С	
CFRM-1014FC01 CGERH1265FC01	18- 29	AQ	N	С	
CGERH1268FC02	15- 25	AF AG		С	
CG i DH1781FC51	71- 12 37- 10	AP		C E	
CGiDH1791FC01	30- 7	AT		C	
CHLDZ1382FC31	6- 2	BF		E	
"	8-901	BF		E	
CiNSE1830FC53	39- 37	BF	N	D	
CiNSE1831FC52	39- 37	BF		D	
CiNSE1850FC51	39- 37	ΑZ		D	
CiNSE1851FC51	39- 39	AN		D	
CiNSE1852FC52	39- 37	BA	N	D	
CiNSE1855FC51	39- 37	BB		D	
CiNSE1864FC51	39- 37	BF		D	
CiNSE1865FC51	39- 39	BF		D	
CiNSE1866FC52	39- 37	BA	N	D	
CiNSE1869FC51	39- 37	BB		D	
CiNSE1901FC51	39- 37	AY	N	D	
CiNSE1902FC51	39- 39	AP	N	D	
CiNSE1903FC51 CiNSE1906FC51	39- 37	BA	N	D	
CINSE1906FC51	39- 37	BF BF	N	D	
CiNSF1853FC53	39- 37 39- 37	BE	N N	D D	
CiNSF1867FC52	39- 37	BE	N	D	
CiNSF1904FC51	39- 37	BF	N	D	
CiNSG1832FC52	39- 37	BF	11	D	
CiNSG1854FC51	39- 37	BE		D	
CiNSG1868FC51	39- 37	BE		D	
CiNSH1836FC52	39- 37	BF		D	
CiNSH1858FC51	39- 37	BE		D	
CiNSH1872FC51	39- 37	BE	N	D	
CiNSi1835FC52	39- 37	BF		D	
CiNSi1857FC51	39- 37	BE		D	
CiNSi1871FC51	39- 37	BE	N	D	
CiNSR1838FC51 CiNSR1860FC51	39- 37	BF		D	
CINSR1860FC51	39- 37 39- 37	BE BE	N	D D	
CiNSS1834FC52	39- 37	BF	IN	D	
CiNSS1856FC51	39- 37	BE		D	
CiNSS1870FC51	39- 37	BE	N	D	
CiNSS1907FC51	39- 37	BF	N	D	
CiNSW1837FC52	39- 37	BF		D	
CiNSW1859FC51	39- 37	BE		D	
CiNSW1873FC51	39- 37	BE	N	D	
CiNSZ1839FC51	39- 37	BF		D	
CiNSZ1861FC51	39- 37	BE		D	
CiNSZ1875FC51	39- 37	BE	N	D	
CiNSZ1912FC51	39- 37	BL	N	D	
CLEVP0777FC01	34- 45	AG	N	С	
CPAKA5760FC31	39- 7	BE AV		D	
CPLTM4027FC08 CPLTM4027FC10	13- 52 13- 52	AV		C	
CPLTM4027FC10	25- 14	AH		C	
CPLTM5383FC01	29- 3	AH		C	
CPLTM5389FC01	13- 43	AP		C	
CPLTM5391FC51	36-901	BC		E	
CPLTM5400FC01	10- 32	AP		C	
CPLTM5401FC02	2- 22	AY		C	
CPLTM5419FC01	30- 8	AH		С	
CPLTM5423FC01	15- 23	AK		С	
CPLTM5431FC03	5- 64	AS		С	
CPLTM5435FC01	6- 33	AR		С	
CPLTM5436FC01	6- 18	AG		С	
CPLTM5443FC02	69- 17	AH		С	
CPLTM5444FC01	68- 6	AM		С	
CPL TM5 4 5 FC 0 1	69- 36	AQ		С	
CPL TM5 4 7 5 F C 5 1	70- 13	AH		С	
CPLTM5475FC51 CPLTM5491FC01	36- 1 33- 22	AT AH		E C	
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		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
CPLTM5628FC01	5- 80	AU		С	
CPLTM5654FC01	13- 52	AN		С	
CPLTM5654FC02	13- 52	AN		С	
CPLTM5668FC01	25- 14	AK	N	С	
CPNLC0237FC02	1- 37	AY		D	
CPNLC0237FC03	3- 28 1- 37	AY		D D	
"	3- 28	AY		D	
CPNLC0241FC02	1- 37	AY		D	
//	3- 28	AY		D	
CPNLC0242FC02	3- 33	ΑT		D	
CPNLC0242FC03	3- 33	AU		D	
CPNLC0242FC05	3- 33	ΑT	N	D	
CPNLC0242FC06	3- 33	ΑT	N	D	
CPWBF0934FC32	4- 9	AX		E	
CPWBF0975FC52	13- 40	AR		E	
CPWBF0976FC54	13- 12	AR		E	
CPWBF1098FC31	9- 10	AY		E	
CPWBF1107FC52	3- 23	AX		E	
// CDWDE10555C50	49-901	AX		E	
CPWBF1255FC52 CPWBF1255FC61	3- 29	BF BH		E	
// CPWBF1255FC61	3- 29 47-901	ВН		E	
CPWBF1256FC31	21- 10	АТ		E	
CPWBF1259FC62	3- 13	AY	N	E	
//	48-901	AY	N	E	
CPWBF1279FC52	5- 47	BD	1.4	E	
//	51-901	BD		E	
CPWBF1286FC31	54-901	CE		Ē	
CPWBF1287FC31	10- 42	CE		E	
//	54-901	CE		Е	
CPWBF1290FC51	11- 20	BN		Е	
//	50-901	BN		Е	
CPWBF1291FC51	11- 20	BR		E	
//	50-901	BR		E	
CPWBF1291FC52	11- 20	BR	N	E	
//	50-901	BR	N	Е	
CPWBF1294FC32	6- 43	AX		E	
//	52-901	AX		E	
CPWBF1299FC51	17- 15	AL		E	
CPWBF1306FC51	11- 20	BS		E	
CPWBF1307FC32	50-901 7- 17	BS BK		E	
CPWBF1307FC32	7- 17	AR		E	
CPWBF1359FC51	13- 50	BC		E	
CPWBF1364FC51	11- 62	AX		E	
CPWBF1370FC31	7- 17	BK		E	
CPWBF1378FC51	9- 79	ΑZ		Е	
CPWBF1386FC31	10- 42	CA		Е	
"	53-901	CA		E	
CPWBF1395FC51	11- 20	BQ		Е	
//	50-901	BQ		Е	
CPWBF1395FC52	11- 20	BM	N	E	
//	50-901	BM	N	E	
CPWBF1396FC31	6- 52	AP		E	
CPWBN1258FC52	3- 2	CB		E	
CPWBN1258FC54	45-901	BZ CB		E	
CPWBN1267FC53	10- 12	CB		E	
"	11- 12 40-901	СВ		E	
CPWBN1318FC52	9- 79	BQ		E	
CPWBN1325FC52	5- 53	DE		E	
CPWBN1325FC54	42-901	DG		E	
CPWBN1326FC51	5- 53	DE		E	
CPWBN1326FC52	42-901	DD		Ē	
CPWBN1392FC52	5- 53	DC		E	
//	43-901	DC		E	
CPWBN1392FC53	5- 53	DC		Е	
//	43-901	DC		Е	
CPWBN1393FC51	5- 53	DC		Е	
//	43-901	DC		E	
CPWBN1394FC51	3- 2	BW		E	
		BW		E	
//	46-901		N	ΙE	I
// CPWBN1394FC52	3- 2	BW		_	
" CPWBN1394FC52	3- 2 46-901	BW	N	E	
" CPWBN1394FC52 " CPWBN1404FC51	3- 2 46-901 5- 53	BW DB		Е	
"CPWBN1394FC52 "CPWBN1404FC51	3- 2 46-901 5- 53 43-901	BW DB DB		E E	
CPWBN1394FC52 "CPWBN1404FC51 "CPWBN1406FC51	3- 2 46-901 5- 53 43-901 5- 53	BW DB DB		E E E	
CPWBN1394FC52 CPWBN1404FC51 CPWBN1406FC51	3- 2 46-901 5- 53 43-901 5- 53 43-901	BW DB DB DD	N	E E E	
CPWBN1394FC52 "CPWBN1404FC51 "CPWBN1406FC51	3- 2 46-901 5- 53 43-901 5- 53	BW DB DB		E E E	

DARTS CODE	NO.	PRICE	NEW	PART	
PARTS CODE		RANK	MARK	RANK	
CPWBN1415FC51	10- 12 11- 12	CB CB	N N	E	
"	41-901	СВ	N	E	
CPWBN1418FC51	9- 79	BR	N	E	
CPWBN1422FC51	10- 72	ВА	N	E	
CRALP0161FC01	9- 30	ΑT		С	
CREFL0168FC32	6- 7	BR		E	
// ODEEL 0470E004	7-901	BR		E	
CREFL0172FC31	6- 7	BQ BQ		E	
CSFTZ2553FC01	7-901 38- 41	AN		С	
CSL i -0057FC32	7- 8	AF		E	
CSL i - 0103FC31	8- 7	ΑF		Е	
CSŌU-0159FC39	39- 19	BN		Е	
CSŌU-0159FC40	39- 19	BN		E	
CSŌU-0159FC41	39- 19	BP		E	
CSŌU-0159FC42 CSŌU-0164FC32	39- 19	BP BP		E	
CSOU-0164FC32	35-901 35-901	BQ		E	
CSPRP2673FC01	6- 6	AG		C	
CTME-0211FC33	13- 38	AY		Ē	
CTME-0211FC34	13- 38	ΑZ	N	Е	
CYŌK-0053FC01	33- 25	ΑU		D	-
//	39- 24	AU		D	
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DHA i - 2049FC11 DHA i - 2821FCZZ	34- 21	AQ		С	
DHA i -2821FCZZ DHA i -2822FCZZ	3- 17 9- 14	BA AS		C	
DHA i - 2824FCZZ	5- 39	BB		C	
DHA i -2827FCZZ	12- 18	AL		C	
DHA i -2828FCZZ	28- 2	AR		C	
DHAi-2829FCZZ	26- 25	AW		С	
DHAi-2833FCZZ	13- 31	ΑT		С	
DHAi-2835FCZZ	33- 15	AG		С	
DHAi-2836FCZZ	23- 24	AP		С	
DHA i -2837FCZZ	16- 12	BA		С	
DHAi-2844FCZZ DHAi-2845FCZZ	9- 36 22- 33	AF AG		С	
DHA i -2847FCZZ	18- 36	BD		C	
DHA i -2853FCZZ	50- 1	AD		C	
DHA i -2854FC11	11- 55	AL		C	
DHAi-2858FCZZ	35- 21	ΑV		С	
DHAi-2859FCZZ	31- 31	AU		С	
DHAi-2860FCZZ	15- 26	AR		С	
DHA i -2862FCZZ	5- 19	AW		С	
DHA i = 2865FC11	5- 31	AS AW		С	
DHAi-2867FCZZ DHAi-2868FCZZ	5- 62 69- 27	BA		C	
DHA i -2869FCZZ	71- 40	AH		С	
DHAi-2870FCZZ	68- 25	AK		C	
DHAi-2871FCZZ	18- 13	АН		C	
DHAi-2873FCZZ	18- 31	ΑE		С	
DHA i -2875FCZZ	9- 45	BC		С	
DHA: 0805FCZZ	19- 26	AE		С	
DHA i - 2895FCZZ DHA i - 2896FC11	5- 20	AY		С	
DHA i - 2897FCZZ	9- 59 23- 14	AD		C	
DHA i -2898FCZZ	11- 5	AF		C	
DHA i -2903FC11	11- 24	AY		В	
DHAi-2903FC16	11- 24	ВС		В	
DHA i -2903FC20	11- 24	ΑT		В	
DHA i -2903FC21	11- 24	AY		В	
DHA: 2903FC22	11- 24	BC		В	
DHA i - 2903FC31 DHA i - 2903FCZZ	11- 24	AX	N	В	
DHA i -2903FCZZ	11- 24 11- 25	AN		B C	
DHA i -2912FC11	7- 15	AW		C	
DHA i -2912FCZZ	7- 13	AW		C	
DHAi-2924FCZZ	5- 61	AY		C	
DHAi-2949FCZZ	3- 30	AF		C	
//	9- 57	AF		С	
DHA i -2950FCZZ	16- 12	BA		С	
DHA i = 2052FCZZ	16- 12	BB		С	
DHAi-2952FC11	11- 28 29- 23	BH BH		C	
DHA i -2953FCZZ	3- 25	AV		C	
DHA i -2954FC11	10- 44	BY		C	
DHA i -2959FC11	11- 28	BK		C	
//	29- 23	BK		C	
DHA i -2959FC12	11- 28	BK		С	
"	29- 23	BK		С	

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
DHAi-2970FCZZ	5- 37	AP		С	
DHAi-3024FCZZ DHAi-3026FCZZ	9- 68	AT AD		С	
DHA i -3026FCZZ	3- 1 7- 15	AG		C	
DHAi-3060FCZZ	28- 2	AS		C	
DHAi-3062FCZZ	5- 31	ΑT		С	
DHAi-3066FCZZ	15- 26	AR		С	
DHAi-3068FCZZ	11- 28	BK		С	
DHA i -3069FCZZ	29- 23 11- 28	BK BA		C	
"	29- 23	BA		C	
DHAi-3070FCZZ	10- 44	BY		С	
DHAi-3073FCZZ	16- 12	BA		С	
DHAi-3074FCZZ DHAi-3075FCZZ	16- 12 16- 12	BB AP		C	
DHA i -3089FCZZ	11- 28	BG		C	
DHAi-3090FCZZ	10- 44	AP		C	
DHAi-3092FCZZ	11- 28	BL		С	
DHA: 0007F077	16- 12	BA		С	
DHAi-3097FCZZ	11- 28 29- 23	BK BK		C	
DHAi-3098FCZZ	11- 28	BK		C	
"	29- 23	BK		C	
DHAi-3100FCZZ	11- 28	BA	N	С	
//	29- 23	BA	N	С	
DHAi-3101FCZZ	11- 28 29- 23	BA BA	N N	C	
DHAi-3103FCZZ	10- 44	BT	N	C	
DHA i -3104FCZZ	16- 12	AY	N	C	
DHAi-3105FCZZ	16- 12	BB	N	С	
DHA: 0107F077	16- 12	BB	N	С	
DHA i - 3107FCZZ DHA i - 3108FCZZ	18- 36 15- 26	BB AN	N N	C	
DHA i -3109FCZZ	5- 39	AQ	N	C	
DHAi-3111FCZZ	5- 19	AT	N	C	
DHAi-3112FCZZ	5- 20	AV	N	С	
DHA: -3113FCZZ	5- 31	AS	N	С	
DHAi-3115FCZZ DUNT-6918FC21	19- 26 39- 19	AH DC	N	C E	
DUNT-6918FC22	39- 19	DC		E	
DUNT-6923FC11	34-901	BN	N	E	
DUNT-6923FCZZ	34-901	BM		E	
DUNT-6927FCZZ DUNT-6936FC11	5- 67	CK		E	
DUNT-6936FC11	39- 20 39- 20	CK		E	
DUNT-6946FC11	39- 19	DB		E	
DUNT-6946FC12	39- 19	DC		Е	
DUNT-6984FC20	9- 2	CT		E	
DUNT-6984FC21 DUNT-6984FC22	9- 2	CN		E	
DUNT-6984FC30	9- 2 9- 2	CU	N	E	
DUNT-7014FCZZ	5- 67	CF	13	E	
DUNTW6931FC11	16-901	CC		E	
//	17-901	CC		E	
DUNTW6931FC12	16-901 17-901	CC		E	
DUNTW6931FC13	16-901	CB		E	
"	17-901	СВ		E	
DUNTW6931FC14	16-901	СВ		E	
DUNTWE 0 2 1 E C 1 E	17-901	CB		E	
DUNTW6931FC15	16-901 17-901	CC		E	
DUNTW6931FC20	16-901	СВ		E	
//	17-901	СВ		Ē	
DUNTW6931FC21	16-901	СВ		E	
// DIINTW6031FC22	17-901	CB		E	
DUNTW6931FC22 //	16-901 17-901	CC		E	
DUNTW6931FC30	16-901	CC	N	E	
//	17-901	CC	N	Е	
DUNTW6931FC31	16-901	CD	N	E	
" DUNTW6931FC32	17-901	CD	N N	E	
// // // // // // // // // // // // //	16-901 17-901	CD	N	E E	
DUNTW6931FCZZ	16-901	CC		E	
//	17-901	CC		Е	
[G]	4 4-	A 37		,	
GCAB-0889FCZ1 GCAB-0890FCZZ	1- 17 1- 12	AX AL		D D	
GCAB-0890FCZZ	1- 12	AP		D	
GCAB-0892FCZZ	2- 19	AY		D	
			_		

	T	BBIOE	1514	DART	I
PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
GCAB-0893FCZZ	2- 3	AM	IVIZANA	D	
GCAB-0894FCZ4	2- 3	AT		D	
GCAB-0895FCZZ	1- 18	AR		D	
GCAB-0896FCZZ	2- 1	AV		D	
GCAB-0897FCZ3	1- 28	AS		D	
# # # # # # # # # # # # # # # # # # #	4- 12	AS		D	
GCAB-0899FCZ1	18- 21	AX		D	
GCAB-0991CZT	2- 5	AW		D	
GCAB-0901FCZZ		BA			
GCAB-0928FCZZ	18- 21	BB	N.	D	
	2- 19		N	D	
GCAB-0930FCZZ	2- 4	AQ	N	D	
GCAB-0931FCZZ	18- 21	AX	N	D	
GCAB-0932FCZZ	18- 57	AP	N	D	
GCASP0173FCZZ	38- 39	BB		D	
GDOR-0024FCZZ	20- 18	AY		D	
GLEGG0063FCZZ	43- 1	ΑE		С	
[H]					
HPNLC0241FCZZ	1- 37	AX		D	
//	3- 28	AX		D	
HPNLH0238FCZZ	3- 9	BH		D	
[]]					
JBTN-0240FCZZ	3- 19	AK		С	
JBTN-0243FCGZ	3- 14	AK		С	
JBTN-0243FCZ1	3- 14	AK		Č	
JHNDG0151FCZZ	9- 27	AK		C	
JHNDP0096FCGZ	22- 48	AD		C	
JHNDP0110FCZZ	17- 4	AE		C	
JHNDP0143FCZZ	38- 1	AW		C	
JHNDP0144FCZZ	30- 5	AK		C	
JHNDP0144FCZZ	14- 32	AE		C	
JKNBP0121FCZZ	16- 20	AE		C	
JKNBP0136FCGZ		AE			
	22- 14			С	
JKNBZ0135FCZZ //	19- 34	AD		С	
	69- 32	AD		С	
[L]				_	
LANGT1395FCZZ	23- 33	AE		С	
LANGT1396FCZZ	69- 43	AC		С	
LANGT1397FCZZ	71- 1	AK		С	
LBNDJ0013FCZ1	3- 26	AA		С	
"	5- 21	AA		С	
"	9- 65	AA		С	
"	11- 58	AA		С	
"	18- 11	AA		С	
//	22- 34	AA		С	
//	23- 40	AA		С	
//	31- 32	AA		С	
"	35- 20	AA		С	
LBNDJ0014FCZ1	10- 67	AB		С	
LBNDJ0043FCZ1	9- 7	AA		С	
"	11- 23	AA		С	
"	13- 42	AA		С	
"	16- 40	AA		C	
"	22- 50	AA		Č	
//	23- 15	AA		C	
"	25- 27	AA		C	
"	26- 26	AA		C	
LBNDJ0070FCZZ	1- 9	AD		C	
LBŌSZ2011FCZZ	34- 44	AB	N	C	
LBRC-0048FCZ2	34- 44	AQ	IN	C	
LBRC-0048FCZ2	34- 24	AQ			
LBSHC0342FCZZ	6- 41			С	
		AC		С	
LBSHC0345FCZZ	5- 8	AC		C	
LBSHZ0330FCZZ	16- 35	AP		С	
LBSHZ1102CCZZ	4- 5	AC		С	
LBSHZ2050SCZZ	2- 24	AB		С	
<u>"</u>	6- 34	AB		С	
//	10- 74	AB		С	
LDA i U0450FCZZ	16- 19	AB		С	
LDAiU0572FCZZ	33- 21	AH		С	
LDAiU0576FCZZ	38- 25	AG		С	
LDAiU0580FCZZ	9- 22	ΑE		С	
LDAiU0581FCZZ	9- 25	ΑE		С	
LDAiU0582FCZZ	9- 18	ΑE		С	
LDAiU0583FCZZ	9- 19	ΑE		С	
LDAiU0584FCZZ	31- 16	AD		С	
LDAiU0587FCZZ	7- 10	AQ		С	
LDAiU0604FCZZ	7- 10	AM		C	
LDAiU0610FCZZ	6- 23	ΑE		C	
LFiX-0016FCZZ	11- 21	AD		C	
LFiX-0084FCZZ	11- 21	AC		C	
	7- 12	AC		C	
LFiX-0284FCZZ					

PARTS CODE	NO.	PRICE	NEW	PART	
		RANK	MARK	RANK	
LFiX-0284FCZZ	8- 10	AC		С	
LF i X-0441FCZZ LF i X-0442FCZZ	16- 24	AB		C	
LF i X-0516FCZZ	16- 25 1- 35	AB AL		C	
LF i X-05101022	6- 51	AD		C	
LFiX-0538FCZZ	1- 33	AL	N	C	
LFRM-0937FCZ2	10- 4	AN		Č	
LFRM-0938FCZZ	11- 2	ΑL		С	
LFRM-0942FCZZ	24- 5	ΑF		С	
LFRM-0944FCZZ	28- 12	ΑE		С	
LFRM-0947FCZZ	27- 12	AE		С	
LFRM-0949FCZZ	29- 18	AL		С	
LFRM-0950FCZZ	13- 21	AX		С	
LFRM-0951FCZ1	23- 36	AT	N.	С	
LFRM-0952FCZ1 LFRM-0952FCZZ	16- 17 16- 17	AS	N	C	
LFRM-0955FCZ1	22- 26	AG		С	
LFRM-0963FCZZ	69- 44	BB		C	
"	70- 18	BB		C	
"	71- 38	BB		Č	
LFRM-0965FCZZ	18- 38	AQ		С	
LFRM-0966FCZZ	18- 29	AQ		С	
LFRM-1012FCZZ	29- 18	AL	N	С	
LFRM-1013FCZZ	18- 38	AP	N	С	
LHLDW0734FCZZ	18- 60	AA		С	
LHLDW0910FCZZ LHLDW1019FCZZ	16- 9	AB		С	
LHLDW1019FCZZ LHLDW1057FCZZ	5- 32	AB AB		С	
## ## ## ## ## ## ## ## ## ## ## ## ##	5- 42 10- 33	AB		C	
"	17- 14	AB		C	
"	68- 9	AB		C	
LHLDW1061FCZZ	9- 77	AB		Č	
"	11- 78	AB		С	
LHLDW1115FCZZ	2- 24	AD		С	
"	5- 1	AD		С	
LHLDW1154FCZZ	10- 75	AC		С	
LHLDW1155FCZZ	1- 48	AC		С	
//	18- 33	AC		С	
LHLDW1178FCZZ LHLDW1226FCZZ	29- 27	AB		С	
#	38- 40 39- 18	AB AB		C	
LHLDW1264FCZZ	11- 17	AD		С	
"	11- 79	AD		C	
"	11- 80	AD		С	
LHLDW1334FCZZ	16- 45	AΑ		С	
LHLDW1388FCZZ	7- 14	AF		С	
LHLDW1418FCZZ	7- 14	AC		С	
LHLDW2106SCZZ	11- 34	AB		С	
LHLDW2341RCZZ	9- 83	AB		С	
LHLDW7005SCZZ LHLDW7011XCZZ	10- 46	AB AB		C	
LHLDW7071XCZZ	16- 10 17- 14	AB		C	
"	29- 26	AB		C	
LHLDZ0932FCYZ	36- 11	AD		C	
LHLDZ1085FCZ1	4- 1	AD		C	
LHLDZ1318FCZZ	8- 4	AK		С	
LHLDZ1358FCZZ	32- 15	AD		С	
LHLDZ1359FCZZ	3- 7	AL		С	
LHLDZ1360FCZZ	3- 4	AH		С	
LHLDZ1363FCZZ	9- 29	AD		С	
LHLDZ1364FCZZ LHLDZ1365FCZZ	9- 28	AD AL		С	
LHLDZ1365FCZZ LHLDZ1366FCZZ	25- 3	AL		C	
LHLDZ1366FCZZ	25- 18 13- 11	AF		C	
LHLDZ1367FCZZ	9- 9	AL		C	
LHLDZ1369FCZZ	36- 10	AP		C	
LHLDZ1370FCZZ	36- 7	AH		C	
LHLDZ1372FCZZ	37- 3	AL		C	
LHLDZ1373FCZZ	37- 8	AK		C	
LHLDZ1374FCZZ	16- 11	AH		С	-
LHLDZ1375FCZZ	16- 8	AH		С	
LHLDZ1376FCZZ	10- 35	AL		С	
LHLDZ1377FCZZ	38- 36	AD		С	
LHLDZ1378FCZZ	32- 2	AF AF		С	
LHLDZ1379FCZZ LHLDZ1380FCZZ	32- 3 15- 13	AF		C	
LHLDZ1380FCZZ	6- 42	AL		C	
LHLDZ1381FCZZ	8- 9	AR		C	
LHLDZ1384FCZZ	35- 19	AE		C	
LHLDZ1385FCZZ	3- 12	AF		С	
LHLDZ1386FCZZ	17- 13	AK		C	
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DARTS CODE	NO.	PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
LHLDZ1387FCZZ	7 10	AH			
	7- 19			С	
LHLDZ1417FCZZ	7- 3	AD		С	
LHLDZ1428FCZZ	15- 16	AC	N	С	
		AP	.,		
LPFTF0096FCZZ	24- 29			С	
LPFTF0097FCZ1	13- 39	AP		С	
LPFTF0101FCZZ	13- 51	AP			
	13- 51			С	
LPiN-0026MCZZ	16- 15	AA		С	
"	33- 3	AA		C	
LPiN-0277FCZZ	1- 11	AB		С	
LPiNS0075FCZZ	19- 17	AB		С	
"	23- 4	AB		С	
<i>"</i>	71- 17	AB		С	
LPiNS0096FCZZ		AB		Č	
	16- 18			C	
<i>"</i>	23- 6	AB		С	
"	24- 3	AB		С	
"	26- 12	AB		С	
//	27- 10	AB		С	
//	29- 13	AB		С	
LPiNS0134FCZZ	31- 8	AB		С	
LPINS0155FCZZ		AA		C	
	26- 3			_	
LPiNS0157FCZZ	24- 40	AB		С	
LPiNS0165FCZZ	34- 51	AB		Č	
			 		
"	69- 38	AB		С	
LPiNS0255FCZZ	24- 30	ΑE		С	
LPiNS0263FCZZ	29- 28	AD		С	
LPiNS0278FCZZ	28- 11	AΒ		С	
LPiNS0292FCZZ	23- 32	AB		Č	
LPiNS0297FCZZ	13- 26	AB		С	
LPiNS0317FCZZ	34- 18	AB		С	
LPiNS0319FCZZ	34- 41	AB		С	
LPiNS0320FCZZ	19- 19	AB		С	
"					
	69- 12	AB		С	
<i>"</i>	71- 23	AB		С	
LPiNS7062SCZZ	38- 43	AA		Č	
				_	
LPLTK5492FCZ1	38- 4	ΑE		D	
LPLTK5492FCZ2	38- 4	ΑE		D	
LPLTM2430FCZZ	15- 14	AC		С	
LPLTM2573FCZ1	1- 6	AD		С	
"		AD			
	2- 6			С	
LPLTM4057FCZ1	34- 25	AH		С	
LPLTM4057FCZ2	34- 25	AH		С	
"	34- 42	AH		С	
LPLTM4057FCZZ	34- 42	ΑF		С	
LPLTM4998FCZZ		AF			
	6- 46			С	
LPLTM5381FCZZ	10- 10	AK		С	
LPLTM5384FCZZ	25- 5	АН		С	
LPLTM5385FCZZ	25- 4	AK		С	
LPLTM5386FCZZ	25- 11	ΑE		С	
				_	
LPLTM5387FCZZ	25- 6	ΑE		С	
LPLTM5391FCZZ	36- 3	AK		С	
	00 0				
LPLTM5392FCZZ	36- 9	AH		С	
LPLTM5393FCZZ	36- 14	ΑL		С	
LPLTM5394FCZZ	33- 19	AD		Č	
LPLTM5395FCZZ	23- 28	ΑE		С	
LPLTM5396FCZZ	16- 27	ΑL		С	
LPLTM5397FCZZ	17- 24	AM		C	
LPLTM5398FCZ1	11- 14	AR		С	<u></u>
LPLTM5399FCZZ	10- 11	AN		С	-
LPLTM5401FCZZ					
	2- 22	AY		С	
LPLTM5410FCZ1	22- 18	AH		С	
LPLTM5414FCZZ	38- 6	AS		C	
LPLTM5415FCZZ	38- 20	AG		С	
LPLTM5416FCZZ	38- 34	AH		С	
LPLTM5417FCZZ	31- 13	AD		С	
LPLTM5418FCZZ	30- 11	AH		С	
LPLTM5420FCZZ	15- 2	AP		Č	
LPLTM5421FCZZ	15- 5	ΑT		С	
LPLTM5422FCZZ	15- 28	AC		С	
LPLTM5425FCZZ	6- 29	AG		С	
LPLTM5426FCZZ	5- 55	AG		С	
LPLTM5427FCZZ	5- 45	AG		C	
LPLTM5429FCZZ	6- 49	AH	<u></u>	С	<u> </u>
LPLTM5430FCZ1	6- 47	AN	N	С	-
			IN		
LPLTM5430FCZZ	6- 45	AP		С	
LPLTM5434FCZ1	6- 5	AC		С	
		AH			
LPLTM5447FCZZ	69- 25			С	
LPLTM5451FCZZ	18- 39	ΑE		С	
LPLTM5457FCZZ	34- 33	ΑE		Č	
LPLTM5463FCZZ	9- 31	AS		С	
LPLTM5467FCZZ	32- 5	AD		С	
LPLTM5470FCZZ					
1 L L L L IVIO 4 / U L U L L	6- 50	AC	I	С	

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
LPLTM5485FCZZ	5- 56	ΑE		С	
LPLTM5488FCZ1	5- 40	AD	N	С	
LPLTM5488FCZZ	5- 40	AE		С	
LPLTM5489FCZZ	11- 40	AE		С	
LPLTM5493FCZZ LPLTM5495FCZZ	18- 43	AK AF		С	
LPLTM5596FCZZ	6- 31 5- 69	AH		C	
LPLTM5601FCZZ	9- 17	AG		C	
LPLTM5609FCZZ	9- 46	AF		C	
LPLTM5635FCZ1	7- 11	AG		С	
LPLTM5636FCZZ	7- 7	AG		С	
LPLTM5655FCZZ	11- 14	AQ		С	
LPLTM5665FCZZ	10- 48	AH	N	С	
LPLTM5666FCZ1	10- 50	AF	N	С	
LPLTM5666FCZZ	10- 49	AG AP	N	С	
LPLTM5667FCZZ //	10- 11 10- 69	AP	N N	C	
LPLTM5670FCZZ	18- 20	AH	N	C	
LPLTM5671FCZZ	18- 55	AE	N	C	
LPLTM5675FCZZ	11- 26	AF	N	Č	
LPLTM5680FCZZ	69- 46	AD		Č	
LPLTM5681FCZZ	69- 47	AD		С	
LPLTM5683FCZZ	19- 45	AF	N	С	
LPLTM5684FCZZ	19- 36	AF	N	С	
LPLTM5691FCZZ	69- 46	AD	N	С	
LPLTM5692FCZZ	69- 47	AD	N	С	
LPLTM5694FCZZ LPLTM5699FCZZ	16- 47	AD AF	N	С	
LPLTM5699FCZZ	16- 47 5- 81	AH	N	C	
//	9- 84	AH		C	
LPLTP5411FCZZ	38- 13	AQ		C	
LPLTP5412FCZZ	38- 5	AP		C	
LPLTP5413FCZZ	38- 16	AF		С	
LPLTP5453FCZZ	70- 2	AH		С	
LPLTP5454FCZZ	70- 1	AH		С	
LPLTP5455FCZZ	68- 28	AE		С	
LPLTP5456FCZ1	18- 20	AH		C	
LPLTP5472FCZZ	7- 11	AK AL		С	
LPLTP5473FCZZ LRALM0147FCZZ	7- 7 9- 48	AQ		C	
LRALM0147F0ZZ	23- 20	AL	N	C	
LRALM0148FCZZ	23- 20	AM	- ' '	C	
LRALM0149FCZZ	9- 24	AG		С	
LRALM0156FCZZ	5- 18	AH		С	
LRALM0157FCZZ	5- 17	AG		С	
LRALM0165FCZZ	13- 24	AF		С	
LRALP0160FCZZ	9- 35	BA		С	
LRALP0162FCZ1 LRALP0162FCZZ	14- 5 14- 5	AF AG		C	
LSŌU-0164FCZZ	35- 5	AU		D	
LSŌU-0165FCZ1	35- 23	AU		D	
LSOU-0166FCZZ	35- 15	AS		D	
LSŌU-0167FCZZ	35- 22	AU		D	
LSTPF0172FCZZ	16- 39	AA		С	
LSTPF0307FCZZ	16- 34	AB		С	
LSTPP0275FCZZ	20- 22	AE		С	
LSTPP0279FCZZ	31- 24	AB		С	
<i>"</i>	32- 9 34- 6	AB AB		C	
LSTPP0314FCZZ	38- 23	AA		C	
LSTPP0343FCZZ	30- 23	AD		C	
LSTPP0344FCZZ	9- 72	AC		C	
LSTPP0345FCZZ	9- 73	AC		Č	
LSTPT0138FCZZ	29- 19	ΑE		C	
LSTYM0227FCZ1	13- 6	AK		С	
LSTYM0228FCZZ	18- 32	AN		С	
LSTYM0251FCZZ	18- 46	AF		С	
LSTYM0252FCZZ	18- 47	AF	N.I	С	
LSTYM0254FCZZ LSTYP0229FCZ1	10- 47 21- 9	AG AX	N	C	
LSUPP0060FCZZ	11- 15	AA		C	
//	11- 63	AA		C	
LSUPP0076FCZZ	11- 16	AA		C	
LSUPP0112FCZZ	11- 82	AC		Č	
LSUPP0115FCZZ	11- 81	AB		С	
LX-BZ0039FCZZ	6- 10	AB		С	
LX-BZ0049FCZZ	6- 10	AB		С	
LX-BZ0156FCZZ	9- 76	AA		С	
	5- 54	AA	1	С	1
LX-BZ0222FCZZ					
LX-BZ0222FCZZ // LX-BZ0260FCZZ	5- 75 19- 52	A A		C	

DADTO CODE	NO	PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
LV DZ0066ECZZ	0.45				
LX-BZ0266FCZZ	6- 15	AB		С	
LX-BZ0270FCZZ	17- 5	AC		С	
LX-BZ0324FCZZ	6- 14	AA		С	
LX-BZ0335FCZZ	5- 13	AA		C	
//	8- 13	AA		С	
LX-BZ0342FCZZ	16- 42	AB		С	
LX-BZ0465FCZZ	5- 54	AA		С	
//	6- 17	AA		С	
//	19- 51	AA		С	
//	24- 14	AA		С	
LX-BZ0503FCZZ	69- 5	AA		C	
LX-BZ0510FCZZ	9- 43	AB		С	
LX-BZ0529FCZZ	14- 4	AA		С	
LX-BZ0531FCZZ	38- 37	AA		С	
LX-BZ0546FCZZ	37- 51	AC		С	
LX-BZ0576FCZZ	24- 34	AC		С	
//	25- 23	AC		С	
LX-BZ0581FCZZ	12- 3	AB		C	
//	30- 1	AB		С	
LX-BZ0589FCZZ	22- 5	AA		С	
LX-BZ0611FCZZ	13- 20	AB		С	
LX-BZ0618FCZZ		AA			
	6- 20			С	
//	8- 1	AA		С	
LX-BZ0656FCZZ	13- 44	AD		С	
LX-BZ0670FCZZ	21- 16	AC		C	
" B200701022					
	24- 7	AC		С	
//	25- 26	AC		С	
//	26- 8	AC		С	
"					
	29- 7	AC		С	
LX-BZ0684FCZZ	9- 90	AB		С	
LX-BZ0711FCZZ	16- 22	AΑ		С	
LX-BZ0768FCZZ	18- 58	AC		C	
LX-BZ0776FCZZ		AG			
	4- 23			С	
LX-BZ0780FCZZ	18- 17	AC		С	
//	19- 31	AC		С	
LX-BZ0787FCZZ	39- 10	AH		C	
LX-BZ0823FCZZ	69- 37	AB		С	
//	71- 2	AB		С	
LX-BZ0829FCZZ	27- 14	AB		С	
LX-BZ0833FCZZ	38- 22	AC		С	
LX-BZ0837FCZZ	9- 37	AC		С	
LX-BZ0841FCZZ	9- 26	AD		С	
LX-BZ0842FCZZ	4- 26	AG		C	
LX-BZ0843FCZZ	9- 15	AC		С	
//	28- 1	AC		С	
LX-BZ0844FCZZ	22- 16	AB		С	
LX-BZ0845FCZZ	28- 4	AC		C	
LX-BZ0873FCZZ	17- 3	AC		С	
LX-BZ0884FCZZ	38- 42	AB		С	
LX-BZ0891FCZZ	4- 26	AG		С	
LX-BZ1022LCZZ	5- 66	AB		С	
LX-BZ3008SC0S	23- 38	AA		С	
"	29- 15	AA		С	
LX-BZ4008SC0M	36- 12	AA		C	
		AA			
LX-BZ5056BCZZ	18- 42			С	
LX-NZ0032FCZZ	42- 1	AA		С	
"	43- 2	AA		С	
//	44- 1	AA		С	
LX-NZ0088FCZZ		AC			
	1- 46			С	
LX-RZ1017HCZZ	29- 31	AA		С	
LX-WZ0017FCZZ	71- 27	AA		С	
LX-WZ0042FCZ1	71- 45	AA		C	
LX-WZ0042FCZZ	22- 13	AA		С	
LX-WZ0066FCZZ	13- 19	AA		С	
LX-WZ0070FCZZ	22- 10	AA		С	
"	71- 44	AA		C	
LX-WZ0075FCZZ	33- 4	AA		С	
LX-WZ0089FCZZ	24- 42	AB		С	
LX-WZ0112FCZZ	71- 35	AA		С	
LX-WZ0139FCZZ	71- 31	AA		C	
LX-WZ0225FCZZ	14- 33	AA		С	
LX-WZ0227FCZZ	71- 41	AA		С	
LX-WZ0278FCZZ	15- 24	AA		С	<u></u>
"	15- 35	AA		Č	
"					
	71- 42	AA		С	
LX-WZ0310FCZZ	13- 37	AB		С	
LX-WZ0316FCZZ	69- 45	AA		С	
LX-WZ0325FCZZ	71- 36	AA		C	
LX-WZ0326FCZZ	39- 9	AA		С	
LX-WZ0328FCZZ	19- 14	AA		С	
//	71- 16	AΑ		С	
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PARTS CODE	-					
LX-WZ1003HCZZ	PARTS CODE	NO.				
LX-WZ2028SCZZ				MARK		
MARMP0147FCZ1						
MARMPO148FCZ1						
MARMP0147FCZ1		38- 9	AA		C	
MARMPO149FCZI						
MARMP0151FCZZ 14-2 AB C MARMP0241FCZZ 20-2 AC C C MARMP0241FCZZ 20-4 AC C C MARMP0243FCZZ 35-51 AD C C MARMP0243FCZZ 31-30 AD C C MARMP0243FCZZ 31-30 AD C C MARMP0244FCZZ 31-30 AD C C MARMP0244FCZZ 31-30 AD C C MARMP0244FCZZ 31-30 AD C C MARMP0247FCZZ 31-14 AD C C MARMP0247FCZZ 31-14 AD C C MARMP0251FCZZ 32-26 AE C C MARMP0250FCZZ 34-19 AC C C MARMP0251FCZZ 34-19 AC C C MARMP0257FCZZ 14-41 AD N C MARMP0257FCZZ 14-42 AD N C MHNG-0209FCZZ 9-49 AD C C MARMP0257FCZZ 14-41 AD N C MARMP0257FCZZ 14-41 AD N C MARMP0257FCZZ 14-42 AD N C MHNG-0209FCZZ 9-49 AD C C MENON CONTROL OF MARMP0257FCZZ 14-42 AD N C MENON CONTROL OF MARMP0257FCZZ 14-42 AD N C MENON CONTROL OF MARMP0257FCZZ 14-42 AD N C MENON CONTROL OF MARMP0257FCZZ 14-30 AD C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD N C C MENON CONTROL OF MARMP0257FCZ 14-42 AD C C MENON CONTROL OF MARMP0257FCZ 14-40 AD C C MENON CONTROL OF MARMP0257FCZ 14-40 AD C C MENON CONTROL OF MARMP0257FCZ 14-40 AC C MENON CONTROL OF MARMP0257FCZ 14-40 AC C MENON CONTROL OF MARMP0257FCZ 14-40 AC C MENON CO						
MARMP0241FCZZ 20- 2 AC C C MARMP0242FCZZ 20- 4 AC C C MARMP0243FCZZ 35-51 AD C C MARMP0244FCZZ 31- 30- AD C C MARMP0244FCZZ 31- 30- AD C C MARMP0244FCZZ 31- 31- 5 AE C C MARMP0247FCZZ 31- 144 AD C C MARMP0250FCZZ 34- 19- AC C C MARMP0257FCZZ 14- 42- AD N C C MARMP0257FCZZ 14- 42- AD N C C MARMP0257FCZZ 14- 42- AD N C C MARMP0257FCZZ 39- 49- AD C C MARMP0257FCZZ 39- 49- AD C C MARMP020741FCZZ 31- 31- AB C C C MARMP0274FCZZ 31- AB C C C MEEVP0745FCZZ 31- AB C C C MEEVP0745FCZZ 31- AB C C C MEEVP0743FCZZ 31- AB C C C MEEVP0743FCZZ 31- AB C C MEEVP0744FCZZ 31- 33- AR C C MEEVP0744FCZZ 31- 33- AR C C MEEVP0744FCZZ 31- 33- AF C C MEEVP0745FCZ 31- AB C C MEEVP075FCZ 31- AB C C MEEVP076FCZ						
MARMP0243FCZZ 35-51 AD C MARMP0244FCZZ 31-30 AD C MARMP0244FCZZ 31-31-30 AD C MARMP0244FCZZ 31-31-5 AE C MARMP0244FCZZ 31-14 AD C MARMP0244FCZZ 32-25 AE C MARMP0248FCZZ 32-25 AE C MARMP0248FCZZ 32-25 AE C MARMP0249FCZZ 68-21 AE C MARMP0250FCZZ 34-19 AC C MARMP0257FCZZ 14-41 AD N C MARMP0257FCZZ 14-41 AD N C MARMP0257FCZZ 14-42 AD N C MARMP0257FCZZ 14-42 AD N C MHNG-0209FCZZ 9-49 AD C MHNG-0209FCZZ 9-23 AD C MHNG-0209FCZZ 17-17 AG C MJNTM020FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVP0588FCZZ 34-28 AC C MLEVP0699FCZZ 34-29 AC C MLEVP0734FCZI 35-18 AF D MLEVP0744FCZZ 13-35 AF C MLEVP0744FCZZ 33-17 AE C MLEVP0744FCZZ 33-17 AE C MLEVP0744FCZZ 33-17 AE C MLEVP0746FCZZ 33-17 AE C MLEVP0746FCZZ 33-17 AE C MLEVP0746FCZZ 33-17 AE C MLEVP0746FCZZ 33-17 AE C MLEVP0774FCZZ 33-17 AE C MLEVP0775FCZ 16-31 AD C MLEVP0756FCZ 17-21 AE C MLEVP0756FCZ 17-21 AE C MLEVP0756FCZ 18-2 AF C MLEVP0756FCZ 18-3 AF C MLEVP0756FCZ 18-3 AF C MLEVP0756FCZ 18-3 AF C MLEVP0776FCZ 38-18 AF C MLEVP076FCZ 38-18 AF C MLEVP0776FCZ 38-18 AF C MLEVP076FCZ 38-2 AC C MLEVP076FCZ 38-18 AF C ML						
MARMP0244FCZZ 35-51 AD C MARMP0244FCZZ 31-30 AD C MARMP0244FCZZ 31-14 AD C MARMP0244FCZZ 31-14 AD C MARMP0244FCZZ 31-14 AD C MARMP0244FCZZ 32-25 AE C MARMP0249FCZZ 68-21 AE C MARMP0249FCZZ 68-21 AE C MARMP025FCZZ 34-19 AC C MARMP025FCZZ 34-19 AC C MARMP025FCZZ 34-19 AC C MARMP025FCZZ 14-42 AD N C MARMP025FCZZ 14-42 AD N C MARMP025FCZZ 14-42 AD N C MHNGG-020FCZZ 9-78 AE C MHNGG-020FCZZ 9-78 AE C MHNGG-020FCZZ 9-89 AD C MHNGG-020FCZZ 17-12 AG C MHNGG-020FCZZ 17-12 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 34-18 AC C MLEVF0745FCZZ 34-18 AC C MLEVP06601FCZZ 34-28 AC C MLEVP0734FCZ 34-18 AF D MLEVP0734FCZZ 13-35 AF AF C MLEVP0744FCZZ 13-35 AF AF C MLEVP0745FCZ 13-35 AF AF C MLEVP0744FCZZ 13-35 AF AF C MLEVP0744FCZZ 13-35 AF C MLEVP0744FCZZ 13-35 AF C MLEVP0744FCZZ 13-35 AF C MLEVP0745FCZ 13-35 AF C MLEVP0745FCZ 13-35 AF C MLEVP0745FCZ 13-35 AF C MLEVP0745FCZ 13-35 AF C MLEVP0751FCZ1 13-33 AC C MLEVP0751FCZ1 13-33 AC C MLEVP0751FCZ1 13-35 AF C MLEVP0751FCZ1 13-30 AG C MLEVP0751FCZ1 13-22 AE C MLEVP0751FCZ1 13-24 AE C MLEVP0751FCZ2 23-30 AG C MLEVP0751FCZ2 23-30 AG C MLEVP0751FCZ2 33-14 AG C MLEVP0761FCZ2 33-14 AG C MSPRC2619FCZZ 34-14 AC C		20- 2	AC		С	
MARMP0244FCZZ 31-30 AD C MARMP0246FCZ1 31-5 AE C MARMP0249FCZZ 31-14 AD C MARMP0249FCZZ 31-14 AD C MARMP0249FCZZ 32-25 AE C MARMP0249FCZZ 38-25 AE C MARMP0250FCZZ 38-19 AC C MARMP0250FCZZ 38-19 AC C MARMP0250FCZZ 34-19 AC C MARMP0250FCZZ 14-41 AD N C MARMP0257FCZI 14-41 AD N C MARMP0257FCZI 14-42 AD N C MHNG-0200FCZZ 9-78 AE C MHNG-0200FCZZ 9-78 AE C MHNG-0203FCZZ 9-89 AD C MHNG-0203FCZZ 9-89 AD C MHNG-0203FCZZ 14-33 AM C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0744FCZZ 17-20 AG C MLEVP069FSCZZ 34-28 AC C MLEVP069FSCZZ 34-28 AC C MLEVP0744FCZZ 34-28 AC C MLEVP0744FCZZ 34-28 AC C MLEVP0744FCZZ 34-28 AC C MLEVP0744FCZZ 33-17 AE C MLEVP0744FCZZ 13-35 AF C MLEVP0746FCZ 33-17 AE C MLEVP0746FCZ 33-17 AE C MLEVP0746FCZ 33-17 AE C MLEVP074FCZZ 33-17 AE C MLEVP0774FCZZ 33-17 AE C MLEVP0775FCZ 38-18 AF C MLEVP0755FCZ 38-18 AF C MLEVP0756FCZ 38-18 AF C MLEVP0766FCZ 38-18		20- 4	AC		С	
MARMP0249FCZI 31-5 AE C MARMP0249FCZZ 32-25 AE C MARMP0249FCZZ 32-25 AE C MARMP0249FCZZ 32-25 AE C MARMP0249FCZZ 32-26 AD C MARMP0250FCZZ 34-19 AC C MARMP0251FCZZ 20-6 AD C MARMP0257FCZI 14-41 AD N C MARMP0257FCZI 14-41 AD N C MARMP0267FCZI 14-42 AD N C MARMP02076FCZI 14-42 AD N C MHNG-0209FCZZ 9-78 AE C MHNG-0209FCZZ 9-78 AE C MHNG-0209FCZZ 9-89 AD C MHNG-0203FCZZ 9-23 AD C MJNTM0020FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0749FCZZ 34-16 AB C MLEVF0734FCZZ 34-16 AB C MLEVF0734FCZZ 34-16 AB C MLEVF0734FCZZ 34-29 AC C MLEVF0734FCZZ 34-29 AC C MLEVF0734FCZZ 34-28 AC C MLEVF0734FCZZ 34-28 AC C MLEVF0744FCZZ 33-17 AE C MLEVF0744FCZZ 33-17 AE C MLEVF0744FCZZ 33-35 AF C MLEVF0744FCZZ 33-35 AF C MLEVF0744FCZZ 33-37 AE C MLEVF0745FCZZ 34-28 AC C MLEVF0774FCZZ 33-30 AG C MLEVF0774FCZZ 33-30 AG C MLEVF0774FCZZ 33-30 AG C MLEVF0774FCZZ 33-30 AG C MLEVF0774FCZZ 33-37 AE C MLEVF0774FCZZ 33-30 AG C MLEVF0774FCZZ 33-37 AE C MLEVF0774FCZZ 33-37 AE C MLEVF0774FCZZ 33-37 AE C MLEVF0774FCZZ 33-30 AG C MLEVF0775FCZ 34-4 AG C MLEVF0759FCZZ 34-7 AD C MLEVF0759FCZZ 38-18 AF C MLEVF0775FCZ 38-14 AG C		35- 51			С	
MARMP0247FCZZ 31-14 AD C MARMP0248FCZZ 32-25 AE C MARMP0251FCZZ 68-21 AE C MARMP0251FCZZ 20-6 AD C MARMP0257FCZI 14-41 AD N C MARMP0257FCZZ 14-42 AD N C MARMP0250FCZZ 9-78 AE C MHNG-0202FCZZ 9-78 AE C MHNG-0202FCZZ 9-49 AD C MHNG-0203FCZZ 9-33 AD C MHNG-0203FCZZ 14-33 AM C MHNG-0203FCZZ 14-33 AM C MLEVF0741FCZZ 17-20 AG C MLEVF0741FCZZ 17-20 AG C MLEVF0742FCZZ 34-28 AC C MLEVP0588FCZZ 34-16 AB C MLEVP0695FCZZ 34-28 AC C MLEVP0734FCZI 35-18 AF D MLEVP0743FCZZ 13-35 AF C MLEVP0744FCZZ 33-17 AE C MLEVP0744FCZZ 33-20 AC C MLEVP0744FCZZ 33-30 AC C MLEVP0744FCZZ 33-30 AC C MLEVP0747CZZ 33-30 AC C MLEVP074FCZZ 33-17 AE C MLEVP0749FCZZ 33-17 AE C MLEVP0749FCZZ 33-17 AE C MLEVP075FCZZ 16-31 AD C MLEVP075FCZZ 16-31 AD C MLEVP075FCZZ 17-22 AE C MLEVP075FCZZ 18-34 AF C MLEVP075FCZZ 33-10 AC C MLEVP075FCZZ 33-10 AC C MLEVP075FCZZ 33-17 AE C MLEVP0774FCZZ 33-17 AE C MLEVP0774FCZZ 33-17 AE C MLEVP075FCZZ 16-31 AD C MLEVP075FCZZ 16-31 AD C MLEVP075FCZZ 33-10 AC C MLEVP075FCZZ 33-10 AC C MLEVP075FCZZ 33-10 AC C MLEVP075FCZZ 33-10 AC C MLEVP075FCZZ 33-14 AC C MLEVP0768FCZZ 33-10 AD C MSPRC2818FCZZ 33-10 AD C MSPRC2818FCZZ 33-10 AD C MSPRC2818FCZZ 33-10 AC C MSPRC2818FCZZ 33-10 AC C MSPRC2818FCZZ 33-10 AC C MSPRC2618FCZZ 33-10 AC C MSPRC2628FCZZ 33-10 AC C MS	MARMP0244FCZZ	31- 30	AD		С	
MARMP0248FCZZ 32-25 AE C MARMP0250FCZZ 34-19 AC C MARMP0251FCZZ 20-6 AD C MARMP0257FCZZ 14-41 AD N C MARMP0257FCZZ 14-41 AD N C MARMP0257FCZZ 14-42 AD N C MARMP02020FCZZ 9-78 AE C MHNG-0203FCZZ 9-49 AD C MHNG-0203FCZZ 9-49 AD C MHNG-0203FCZZ 9-49 AD C MHNG-0203FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 34-16 AB C MLEVF0749FCZZ 34-16 AB C MLEVF07858FCZZ 34-16 AB C MLEVF0734FCZZ 34-16 AB C MLEVF0734FCZZ 34-16 AB C MLEVF0734FCZZ 34-16 AB C MLEVF0747CZZ 34-29 AC C MLEVF0734FCZZ 34-16 AB C MLEVF0749FCZZ 34-28 AC C MLEVF0749FCZZ 34-28 AC C MLEVF0734FCZZ 25-10 AE C MLEVF0744FCZZ 33-17 AE C MLEVF0744FCZZ 33-17 AE C MLEVF0744FCZZ 33-30 AG C MLEVF0749FCZZ 13-35 AF C MLEVF0749FCZZ 13-36 AF C MLEVF0749FCZZ 33-30 AG C MLEVF0749FCZZ 33-30 AG C MLEVF0759FCZZ 34-10 AD C MLEVF0759FCZZ 38-18 AF C MLEVF0769FCZZ 38-28 AF C MLEVF0769FCZZ 38-18 AF C MLEVF0769FCZZ 38-18 AF C MSPRC2619FCZZ 38-18 AF C MSPRC2619FCZZ 38-18 AC C MSPRC2619FCZZ 38-18		31- 5			С	
MARMP0249FCZZ 68-21 AE C MARMP0250FCZZ 34-19 AC C MARMP0251FCZZ 20-6 AD C MARMP0257FCZZ 11-4 41 AD N C MARMP0257FCZZ 11-4 42 AD N C MHNG-0200FCZZ 9-78 AE C MHNG-0200FCZZ 9-78 AE C MHNG-0200FCZZ 9-23 AD C MHNG-0203FCZZ 12-33 AM C MHNG-0203FCZZ 17-20 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0741FCZZ 17-20 AG C MLEVF0741FCZZ 17-20 AG C MLEVF0695FCZZ 34-18 AB C MLEVF0695FCZZ 34-18 AB C MLEVF0695FCZZ 34-29 AC C MLEVF0695FCZZ 34-28 AC C MLEVF0744FCZZ 13-35 AF D MLEVF0744FCZZ 13-35 AF C MLEVF0744FCZZ 33-17 AE C MLEVF0744FCZZ 33-17 AE C MLEVF0744FCZZ 33-30 AG C MLEVF0744FCZZ 33-30 AG C MLEVF0744FCZZ 33-30 AG C MLEVF0744FCZZ 33-30 AG C MLEVF0745FCZZ 13-28 AF C MLEVF0745FCZZ 13-28 AF C MLEVF075FCZZ 18-31 AD C MLEVF075FCZZ 18-31 AD C MLEVF075FCZZ 18-31 AD C MLEVF075FCZZ 18-31 AD C MLEVF075FCZZ 38-14 AG C MLEVF0768FCZZ 34-10 AD C MLEVF0768FCZZ 34-26 AD C MSPRC2818FCZZ 34-26 AC C MSPRC2818FCZZ 34-26 AC C MSPRC2818FCZZ 34-26 AC C MSPRC2618FCZZ 34-26 AC C MSPRC2618FCZZ 34-26 AC C MSPRC2618FCZZ 34-26 AC C MSPRC2618FCZZ 34-30 AC C MSPRC2618FCZZ 34-30 AC C MSPRC2618FCZZ	MARMP0247FCZZ	31- 14	AD		С	
MARMP0251FCZZ	MARMP0248FCZZ	32- 25	ΑE		С	
MARMP0251FCZI 20-6 AD C MARMP0257FCZI 14-41 AD N C MARMP0257FCZI 14-41 AD N C MARMP0257FCZZ 14-42 AD N C MHNG-0209FCZZ 9-78 AE C MHNG-0203FCZZ 9-78 AE C MHNG-0203FCZZ 9-23 AD C MHNG-0203FCZZ 19-23 AD C MJNTM0020FCZZ 17-17 AG C MLEVF0741FCZZ 17-17 AG C MLEVF0742FCZZ 17-17 AG C MLEVF0695FCZZ 34-29 AC C MLEVP0695FCZZ 34-29 AC C MLEVP0695FCZZ 34-29 AC C MLEVP0734FCZI 35-18 AF D MLEVP0744FCZZ 33-35 AF C MLEVP0744FCZZ 33-35 AF C MLEVP0745FCZZ 33-37 AG C MLEVP0745FCZZ 33-30 AG C MLEVP0745FCZZ 33-30 AG C MLEVP0745FCZI 13-33 AC C MLEVP0745FCZZ 33-30 AG C MLEVP0745FCZZ 33-30 AG C MLEVP0754FCZZ 33-30 AG C MLEVP0755FCZZ 34-28 AC C MLEVP0755FCZZ 34-28 AC C MLEVP0755FCZZ 38-14 AG C MLEVP0759FCZZ 17-22 AE C MLEVP0759FCZZ 17-22 AE C MLEVP0759FCZZ 38-14 AG C MLEVP0759FCZZ 38-14 AG C MLEVP0755FCZZ 38-14 AG C MLEVP0756FCZZ 38-14 AG C MLEVP0768FCZZ 38-14 AG C MLEVP0768FCZZ 38-14 AG C MLEVP0768FCZZ 38-10 AD C MLEVP0768FCZZ 38-26 AD C MLEVP0768FCZZ 38-3 AX C MSPRC11312FCZZ 38-3 AX C MSPRC2114FCZZ 35-9 AB D MSPRC2314FCZZ 38-5 AD C MSPRC2314FCZZ 38-5 AD C MSPRC2314FCZZ 38-5 AD C MSPRC2618FCZZ 38-14 AC C MSPRC2618FCZZ 38-14 AC C MSPRC2618FCZZ 38-14 AC C MSPRC2618FCZZ 38-15 AC C MSPRC2618FCZZ 38-16 AC C MSPRC2618FCZZ 38-16 AC C MSPRC2618FCZZ 38-17 AD C MSPRC2618FCZZ 38-18 AC C MSPRC2628FCZZ 38-18 AC C	MARMP0249FCZZ	68- 21	ΑE		С	
MARMP0257FCZ1	MARMP0250FCZZ	34- 19	AC		С	
MARMP0257FCZZ 14-42 AD N C MHNG-0203FCZZ 9-49 AD C MHNG-0203FCZZ 9-49 AD C MHNG-0203FCZZ 9-23 AD C MLEVF0741FCZZ 17-17 AG C MLEVF0742FCZZ 17-17 AG C MLEVF0742FCZZ 17-17 AG C MLEVF0742FCZZ 17-17 AG C MLEVF0601FCZZ 34-29 AC C MLEVP0695FCZZ 34-28 AC C MLEVP0695FCZZ 34-28 AC C MLEVP0734FCZI 35-18 AF D MLEVP0744FCZZ 33-25 10 AE C MLEVP0744FCZZ 33-35 AF C MLEVP0744FCZZ 33-35 AF C MLEVP0745FCZZ 33-17 AE C MLEVP0745FCZZ 33-30 AG C MLEVP0748FCZZ 33-31 AD C MLEVP0755FCZZ 34-28 AF C MLEVP0755FCZZ 33-34 AB C MLEVP0755FCZZ 33-36 AF C MLEVP075FCZZ 33-36 AF C MLEVP0755FCZZ 33-36 AF C MLEVP0765FCZZ 33-36	MARMP0251FCZZ	20- 6	AD		С	
MHNG-0200FCZZ 9-78 AE C MHNG-0203FCZZ 9-23 AD C MJNTM0020FCZZ 24-33 AM C MLEVF0741FCZZ 17-17 AG C MLEVF0742FCZZ 17-20 AG C MLEVP0588FCZZ 34-16 AB C MLEVP0601FCZZ 34-29 AC C MLEVP0695FCZZ 34-29 AC C MLEVP0734FCZI 35-18 AF D MLEVP0744FCZZ 13-35 AF C MLEVP0744FCZZ 13-35 AF C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 16-31 AD C MLEVP074FCZZ 16-31 AD C MLEVP075DCZI 17-21 AE C MLEVP075FCZZ <td>MARMP0257FCZ1</td> <td>14- 41</td> <td>AD</td> <td>N</td> <td>С</td> <td></td>	MARMP0257FCZ1	14- 41	AD	N	С	
MHNG-0200FCZZ 9-78 AE C MHNG-0203FCZZ 9-23 AD C MJNTM0020FCZZ 24-33 AM C MLEVF0741FCZZ 17-17 AG C MLEVF0742FCZZ 17-20 AG C MLEVP0588FCZZ 34-16 AB C MLEVP0601FCZZ 34-29 AC C MLEVP0695FCZZ 34-29 AC C MLEVP0734FCZI 35-18 AF D MLEVP0744FCZZ 13-35 AF C MLEVP0744FCZZ 13-35 AF C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 33-17 AE C MLEVP074FCZZ 16-31 AD C MLEVP074FCZZ 16-31 AD C MLEVP075DCZI 17-21 AE C MLEVP075FCZZ <td>MARMP0257FCZZ</td> <td>14- 42</td> <td>AD</td> <td>N</td> <td>С</td> <td></td>	MARMP0257FCZZ	14- 42	AD	N	С	
MHNG-0202FCZZ 9-49 AD C MHNG-0203FCZZ 24-33 AM C MJNTM0020FCZZ 24-33 AM C MLEVF0741FCZZ 17-17 AG C MLEVF0588FCZZ 34-16 AB C MLEVP0601FCZZ 34-29 AC C MLEVP0601FCZZ 34-28 AC C MLEVP0734FCZ1 35-18 AF D MLEVP0743FCZZ 25-10 AE C MLEVP0744FCZZ 13-35 AF D MLEVP0744FCZZ 13-33 AC C MLEVP0746FCZZ 33-17 AE C MLEVP0748FCZZ 23-30 AG C MLEVP0749FCZZ 16-31 AD C MLEVP0749FCZZ 16-31 AD C MLEVP0751FCZ1 17-22 AE C MLEVP0751FCZ1 17-21 AE C MLEVP0751FCZ1 38-18 AF C MLEVP075						
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MLEVP0755FCZZ 38- 14 AG C MLEVP0757FCZZ 68- 4 AC C MLEVP0758FCZZ 21- 3 AE C MLEVP0759FCZZ 21- 5 AD C MLEVP0761FCZZ 34- 7 AD C MLEVP0764FCZZ 34- 10 AD C MLEVP0764FCZZ 32- 26 AD C MLEVP0765FCZZ 68- 2 AE C MLEVP0768FCZI 19- 2 AH C MLEVP0778FCZZ 16- 31 AD N MSLI-0133FCZZ 9- 53 AX C MSLi-0133FCZZ 9- 53 AX C MSPRC1312FCZZ 69- 29 AB C MSPRC1312FCZZ 69- 29 AB C MSPRC1943FCZI 34- 46 AC C MSPRC1954FCZI 16- 21 AC C MSPRC2345FCZZ 34- 34 AG C MSPRC2378FCZZ 34- 34 AG C <						
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MLEVP0778FCZZ 16-31 AD N C MSLi-0132FCZZ 9-52 AX C MSLi-0133FCZZ 9-53 AX C MSLi-0138FCZZ 7-8 AC C MSPRC1312FCZZ 69-29 AB C MSPRC1943FCZ2 34-46 AC C MSPRC1954FCZ1 16-21 AC C MSPRC1954FCZI 35-9 AB D MSPRC2345FCZZ 34-54 AG C MSPRC2378FCZZ 34-37 AG C MSPRC2382FCZZ 34-37 AG C MSPRC263FCZZ 34-37 AG C MSPRC2603FCZZ 6-25 AD C MSPRC2604FCZZ 6-25 AD C MSPRC2605FCZ1 19-22 AC C MSPRC2617FCZZ 1-14 AC C MSPRC2613FCZZ 25-17 AD C MSPRC2615FCZZ 24-9 AC C <t< td=""><td></td><td>68- 2</td><td></td><td></td><td>С</td><td></td></t<>		68- 2			С	
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MSLi-0138FCZZ 7-8 AC C MSPRC1312FCZZ 69-29 AB C MSPRC1943FCZ2 34-46 AC C MSPRC1954FCZ1 16-21 AC C MSPRC2114FCZZ 35-9 AB D MSPRC2345FCZZ 34-54 AG C MSPRC2378FCZZ 30-3 AC C MSPRC2382FCZZ 34-37 AG C MSPRC2382FCZZ 34-37 AG C MSPRC2603FCZZ 6-25 AD C MSPRC2604FCZZ 69-24 AD C MSPRC2604FCZZ 69-24 AD C MSPRC2612FCZZ 19-22 AC C MSPRC2613FCZZ 25-17 AD C MSPRC2614FCZZ 24-26 AC C MSPRC2614FCZZ 24-9 AC C MSPRC2615FCZZ 28-6 AC C MSPRC2618FCZI 29-4 AC C MSPRC2618FCZI </td <td>MSLi-0132FCZZ</td> <td>9- 52</td> <td>AX</td> <td></td> <td>С</td> <td></td>	MSLi-0132FCZZ	9- 52	AX		С	
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MSPRC2114FCZZ 35- 9 AB D MSPRC2345FCZZ 34- 54 AG C MSPRC2378FCZZ 30- 3 AC C MSPRC2382FCZZ 34- 37 AG C MSPRC2589FCZZ 34- 14 AD C MSPRC2603FCZZ 6- 25 AD C MSPRC2604FCZZ 69- 24 AD C MSPRC2605FCZ1 19- 22 AC C MSPRC2612FCZZ 1- 14 AC C MSPRC2613FCZZ 25- 17 AD C MSPRC2614FCZZ 24- 26 AC C MSPRC2614FCZZ 24- 9 AC C MSPRC2616FCZZ 28- 6 AC C MSPRC2617FCZZ 12- 4 AC C MSPRC2618FCZI 29- 4 AC C MSPRC2619FCZZ 29- 9 AC C MSPRC2629FCZZ 13- 15 AD C MSPRC2622FCZZ 13- 10 AB C <t< td=""><td></td><td>34- 46</td><td></td><td></td><td>С</td><td></td></t<>		34- 46			С	
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MSPRC2627FCZZ 23- 34 AC C						
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MSPRC2629FCZZ 16- 26 AC C						
MSPRC2630FCZZ 17- 26 AB C						
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PARTS CODE	NO.	PRICE	NEW	PART	
		RANK	MARK	RANK	
MSPRC2631FCZZ	17- 19	AC		С	
MSPRC2633FCZZ	21- 4	AB		С	
MSPRC2634FCZZ	20- 8	AB		С	
MSPRC2635FCZZ	20- 5	AB		С	
MSPRC2636FCZZ	21- 6	AB		Č	
MSPRC2637FCZZ	20- 15	AC		C	
MSPRC2638FCZZ		AC			
				C	
MSPRC2639FCZZ	22- 36	AB		С	
MSPRC2640FCZZ	38- 15	AC		С	
MSPRC2642FCZ1	38- 26	AB		С	
MSPRC2645FCZZ	32- 16	AB		С	
MSPRC2646FCZZ	31- 15	AB		С	
MSPRC2647FCZZ	32- 30	AB		C	
MSPRC2650FCZZ	31- 29	AB		C	
MSPRC2651FCZZ					
	69- 41	AB		С	
MSPRC2652FCZZ	71- 34	AC		С	
MSPRC2653FCZZ	68- 5	AC		С	
MSPRC2654FCZ1	68- 22	AB		С	
MSPRC2655FCZZ	19- 24	AB		С	
MSPRC2656FCZZ	19- 6	AC		С	
MSPRC2657FCZZ	18- 1	AB		C	
MSPRC2658FCZZ	34- 14	AC		Č	
MSPRC2662FCZZ	9- 44	AB			
				С	
MSPRC2666FCZZ	18- 7	AC		С	
MSPRC2667FCZZ	18- 9	AC		С	
MSPRC2669FCZZ	38- 33	AB		С	
MSPRC2674FCZZ	34- 34	AC		С	
MSPRC2686FCZZ	30- 10	AC		С	
MSPRC2687FCZZ	20- 14	AB		C	
MSPRC2688FCZZ	22- 40	AC		C	
MSPRC2691FCZZ	68- 12	AB			
				С	
MSPRC2692FCZZ	16- 28	AB		С	
MSPRC2699FCZZ	34- 17	AC		С	
MSPRC2700FCZZ	22- 27	AB		С	
MSPRC2701FCZZ	68- 23	AC		С	
MSPRC2702FCZZ	71- 37	AC		С	
MSPRC2703FCZ1	22- 49	AD		С	
MSPRC2710FCZZ	21- 23	AD		C	
MSPRC2712FCZZ	22- 41	AC		C	
MSPRC2801FCZZ		AD		_	
	17- 19			С	
MSPRC2806FCZZ	17- 19	AD	N	С	
MSPRC2808FCZZ	18- 52	AE	N	С	
MSPRC2809FCZZ	18- 53	AE	N	С	
MSPRC2810FCZZ	17- 19	AD	N	С	
MSPRC2811FCZZ	18- 7	AD	N	С	
MSPRC2812FCZZ	18- 9	AD	N	С	
MSPRC2813FCZZ	24- 26	AD	N	С	
MSPRP1293FCZZ	25- 2	AB		С	
MSPRP1550FCZZ	37- 4	AA		Č	
MSPRP1881FCZ1	69- 7	AF		C	
MSPRP2101FCZZ	7- 20	AC		C	
MSPRP2362FCZZ	34- 26	AC		С	
MSPRP2411FCZZ	9- 67	AS		С	
MSPRP2608FCZZ	24- 16	AD		С	
MSPRP2609FCZZ	23- 19	ΑE		С	
MSPRT0513FCZZ	37- 2	AA		С	
MSPRT0735FCZZ	22- 12	AA		C	
MSPRT1563FCZZ	4- 4	AC		C	
MSPRT1944FCZZ	70- 17	AA		C	
MSPRT2815FCZZ		AD	N.I		
	16- 49		N	С	
MSPRZ7008XCZZ	5- 82	AS		С	
[N]	00 -			_	
NBLTH0153FCZZ	69- 30	AF		В	
"	71- 19	AF		В	
NBLTH0292FCZZ	6- 8	AF		В	
NBLTH0294FCZZ	27- 21	AH		В	
NBLTH0295FCZZ	71- 21	AG		В	
NBLTH0296FCZZ	70- 11	AG		В	
NBLTH0297FCZZ	19- 13	AG		В	
NBLTH0297FCZZ	19- 13	AG		В	
NBLTH0298FCZZ	23- 8	AK		В	
NBLTH0323FCZZ	12- 9	AK		В	
NBLTH0324FCZZ	6- 8	AF		В	
NBLTH0325FCZZ	12- 9	AK	N	В	
NBRGC0037FCZ1	22- 2	AC		С	
NBRGC0066FCZ1	22- 8	ΑE		С	
NBRGC0133FCZ1	22- 19	AC		С	
"	23- 5	AC		Č	
NBRGC0133FCZZ	25- 21	AC		C	
NBRGC0136FCZZ	71- 6	AC		C	
NBRGC0167FCZZ	34- 12	AB		C	
110110001071022	UT- 12	רט	1		l .

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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
NBRGC0249FCZZ	16- 50	AC	IVI) U CI C	C	
NBRGC0387FCZZ	28- 8	AB		C	
"	69- 13	AB		C	
//	71- 15	AB		С	
NBRGC0389FCZ1	15- 33	ΑE	N	В	
NBRGC0580FCZZ	15- 10	AG		С	
NBRGC0594FCZZ	22- 39	AD		С	
NBRGC0620FCZZ	19- 8	AD		С	
NBRGC0633FCZZ	34- 52	AK	N	С	
NBRGC0634FCZZ	24- 27	AM	N	В	
NBRGC2019SCZZ	26- 4	AC		С	
"	26- 28	AC		С	
//	29- 30	AC		С	
NBRGM0096FCZ1	16- 16	AB		С	
//	19- 10	AB		С	
NBRGM1040HCZZ	29- 29	AC		С	
<u>"</u>	31- 9	AC		С	
// NDDODO0005077	32- 14	AC		С	
NBRGP0299FCZZ	14- 10	AC		C	
NBRGP0321FCZZ	13- 30	AD AD		С	
NBRGP0322FCZZ	33- 5			С	
NBRGPU322FU22 /	13- 25 33- 7	AC AC		C	
NBRGP0549FCZZ	34- 12	AC		C	
NBRGP0549FCZZ NBRGP0573FCZZ	69- 48	AF		C	
NBRGP0573FCZZ	20- 7	AC			
NBRGP0588FCZZ	20- 7 15- 16	AK		C	
NBRGP0616FCZZ	23- 37	AG		C	
//	29- 16	AG		C	
NBRGP0626FCZZ	21- 13	AC		C	
//	38- 30	AC		C	
NBRGY0093FCZZ	24- 27	AK		В	
NBRGY0131FCZZ	29- 10	AM		C	
NBRGY0429FCZZ	19- 38	AN		C	
NBRGY0466FCZZ	6- 30	AK		В	
"	24- 6	AK		В	
"	26- 28	AK		C	
"	27- 8	AK		В	
"	69- 2	AK		В	
NBRGY0513FCZZ	17- 10	AK		В	
NBRGY0592FCZZ	71- 20	AF		В	
NBRGY0599FCZZ	16- 36	AU		С	
NBRGY1032HCZZ	70- 8	AB		В	
NBRGY7014SCZZ	15- 33	AB		В	
NCPL-0007FCZZ	28- 5	AC		С	
NCPL-0031FCZ1	27- 15	AD		С	
NCPL-0032FCZZ	27- 20	AD		С	
NCPL-0033FCZ1	22- 6	AC		С	
NCPL-0040FCZZ	24- 25	ΑL		С	
NCPL-0044FCZZ	24- 25	BC	Ν	С	
NFANP0047FCZZ	9- 51	AY		В	
NFANP0048FCZZ	10- 7	AY		В	
"	11- 7	AY		В	
NFANP0049FCZZ	23- 23	ΑZ		В	
NFANP0051FCZZ	5- 6	BA		В	
NFANP0053FCZZ	9- 3	BA		В	
NFANPOOS6FCZZ	10- 73	AX		В	
NFANP0060FCZZ	9- 51	AX		В	
NFLY-0007FCZZ	12- 10	AQ		С	
NGERHOO70ECZZ	71- 10	AC		С	
NGERHOO71FCZZ	26- 21	AD		С	
NGERH0071FCZZ NGERH0111FCZZ	26- 23	AD AD		C	
NGERHUTTTFCZZ	26- 2 71- 30	AD		C	
NGERH0128FCZZ	71- 30	AC		C	
NGERH0128FCZZ	27- 2	AC		C	
NGERH0140FCZZ	38- 10	AB		C	
NGERH0209FCZ1	19- 18	AB		С	
NGERH0254FCZZ	71- 8	AC		C	
NGERH0349FCZZ	24- 12	AC		C	
//	26- 14	AC		C	
//	29- 17	AC		C	
NGERH0457FCZZ	26- 9	AC		C	
NGERH0483FCZZ	27- 7	AB		C	
NGERH0493FCZZ	69- 19	AD		C	
NGERH0557FCZZ	69- 34	AC		C	
NGERH0742FCZZ	24- 18	AB		C	
NGERH0755FCZZ	69- 11	AB		C	
NGERH0863FCZZ	16- 14	AB		C	
NGERH0885FCZZ	71- 11	AC		С	
NGERH0885FCZZ NGERH1062FCZZ	24- 11	AE		C	

		PDIOE	NIENA	DART	
PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
NGERH1074FCZZ	13- 27	AD	WIZICIC	С	
NGERH1214FCZZ	16- 38	AP		С	
NGERH1228FCZZ	70- 7	AD		С	
NGERH1231FCZZ	24- 22	AQ		C	
NGERH1232FCZZ	24- 22	AQ		С	
NGERH1232FCZZ	24- 20	AP			
NGERH1234FCZZ	24- 31	AF		C	
NGERH1235FCZZ	24- 24	AF		С	
NGERH1236FCZZ	24- 21	AF		С	
NGERH1237FCZZ	24- 13	AD		С	
NGERH1238FCZZ	24- 8	AD		C	
NGERH1240FCZZ	28- 9	AD		С	
NGERH1241FCZZ	26- 22	AE		С	
NGERH1242FCZZ	26- 20	AF		С	
<i>"</i>	26- 29	AF		С	
NGERH1243FCZZ	26- 19	AF		С	
NGERH1244FCZZ	27- 6	ΑE		С	
NGERH1245FCZZ	27- 9	AF		С	
NGERH1246FCZZ	27- 17	ΑE		С	
NGERH1247FCZZ	27- 22	ΑE		С	
NGERH1248FCZZ	26- 11	AF		С	
NGERH1249FCZZ	29- 12	AD		С	
NGERH1250FCZZ	29- 2	AD		С	
NGERH1251FCZZ	29- 8	AD		C	
NGERH1252FCZZ	29- 5	AD		C	
NGERH1253FCZZ	14- 22	AD		C	
NGERH1254FCZZ	14- 23	AD		С	
NGERH1255FCZZ	14- 23	AD		С	
NGERH1256FCZZ	23- 7	AE		C	
NGERH1258FCZZ	31- 7	AD		C	
NGERH1259FCZZ	31- 7	AD		C	
NGERH1260FCZZ		AD			
	31- 20			С	
NGERH1261FCZZ	31- 11	AM		С	
	32- 19	AM		С	
NGERH1262FCZZ	19- 53	AM		С	
<i>"</i>	31- 22	AM		С	
NGERH1263FCZZ	31- 26	AC		С	
//	34- 2	AC		С	
NGERH1266FCZZ	15- 20	AD		С	
NGERH1267FCZZ	15- 21	AD		С	
NGERH1270FCZZ	70- 12	ΑE		С	
NGERH1274FCZZ	34- 5	AC		С	
NGERH1275FCZZ	34- 9	AM		С	
NGERH1279FCZZ	24- 17	ΑE		С	
NGERH1282FCZZ	35- 13	AD		D	
NGERH1285FCZZ	19- 18	ΑL		С	
NGERH1335FCZZ	26- 30	ΑE		С	
NGERH1336FCZZ	26- 27	ΑE		С	
NGERH1337FCZZ	26- 19	AF		С	
NGERH1338FCZZ	15- 7	AC		С	
NGERH1339FCZZ	29- 24	ΑE	N	С	
NGERH1345FCZZ	24- 19	ΑE		C	
NGERH1346FCZZ	33- 2	AE		C	
NGERH1350FCZZ	34- 50	AD	N	C	
NGERH1351FCZZ	24- 31	AP	N	C	
NGERK1272FCZ1	38- 27	AF		C	
NGERR1230FCZZ	70- 5	AF		C	
NGERR1273FCZZ	35- 11	AD		C	
NPLYZ0146FCZZ	19- 33	AB		C	
NPLYZ0167FCZZ	6- 19	AF		С	
WF E1201071 G22	8- 2	AF		C	
NPLYZ0181FCZZ	6- 3	AB		C	
NPLYZ0202FCZZ	29- 20	AF		C	
NPLYZ0254FCZZ		AD			
WPL Y Z U Z 5 4 F C Z Z	19- 16 71- 18	AD		C	
		AC			
NPLYZ0259FCZZ	25- 15			С	
NPLYZ0266FCZZ	25- 28	AC		С	
NPLYZ0278FCZ1	24- 2	AD		С	
NPLYZ0282FCZZ	71- 22	AC		С	
NPLYZ0285FCZ1	27- 13	AE		С	
NPLYZ0336FCZZ	27- 16	AE		С	
NPLYZ0337FCZZ	27- 19	AE		С	
NPLYZ0338FCZZ	6- 9	AN		С	
NPLYZ0339FCZZ	19- 12	AL		С	
NPLYZ0340FCZZ	6- 16	AC		С	
NPLYZ0359FCZZ	6- 11	AM		С	
NPLYZ0360FCZZ	24- 2	ΑE		С	
NPLYZ0361FCZZ	6- 9	AN		С	
NRŌL i 1206FCZZ	17- 11	BG		С	
NRŌL i 1286FCZZ	17- 11	BL	N	С	
NRŌLM1207FCZZ	22- 4	AW		С	

PARTS CODE			l			T
NROLM1208FCZ1	PARTS CODE	NO.				
NROLNOBATACZZ	NRŌLM1208FCZ1	15- 12		W u ci c		
NROLPO\$12FCZZ 18- 48				N		
NROLP POSS SECTION NROLP POSS PO	NRŌLN0874FCZZ		AK		С	
NROLP0896FCZZ	NRŌLP0512FCZZ	22- 29	AB		С	
## 20-12 AC C ## AC C	NRŌLP0833FCZ1	23- 12	AC		С	
MROLP1010FCZZ	NRŌLP0896FCZZ	18- 5	AC		С	
NROLP1210FCZZ	"		AC			
NROLP1211FCZZ	"	68- 19	AC		С	
NROLP1213FCZZ	NRŌLP1010FCZZ	23- 3	AC		С	
NROLP1213FCZZ	NRŌLP1210FCZZ	14- 15	AK		С	
NROLP1213FCZZ	_	14- 12	ΑT		С	
NROLP1214FCZ1		15- 22			Е	
NROLR1215FCZZ						
NROLR1218FCZ2						
NROLR1218FCZZ 34-8						
NROLR1219FCZZ					_	
NROLR1219FCZZ						
NROLR1221FCZZ						
NROLR1221FCZZ						
NROLR1223FCZI						
NROLR123FCZ1						
NROLR1 2 4 F C ZZ						
NROLR1226FCZZ					_	
NROLR1227FCZ1						
NROLR129FCZZ						
NROLR1240FCZZ 31-25						
NROLR1241FCZZ						
NROLR1275FCZZ						
NROLR1284FCZZ						
NROLR1285FCZZ				NI		
NROLR1291FCZZ						
NROLT1228FCZZ			00		-	
NROLT1277FCZZ			BF	11		
NRÖLT1283FCZZ						
NSFTZ1595FCZZ 30- 4 AD C NSFTZ1765FCZZ 34- 49 AH C NSFTZ1805FCZZ 4- 2 AE C NSFTZ2444FCZZ 6- 13 AL C NSFTZ2444FCZZ 12- 28 AL C NSFTZ2444FCZZ 25- 24 AL C NSFTZ2444FCZZ 25- 24 AL C NSFTZ2444FCZZ 25- 24 AL C NSFTZ2444FCZZ 28- 10 AK C NSFTZ2449FCZZ 28- 10 AK C NSFTZ2449FCZZ 26- 5 AH C NSFTZ2445FCZZ 26- 10 AK C NSFTZ245FCZZ 26- 10 AK C NSFTZ245FCZZ 28- 11 AK C NSFTZ245FCZZ 28- 18 AH C NSFTZ246FCZZ 21- 2 AG C NSFTZ246FCZZ 21- 2 AG C NSFTZ246FCZZ 23- 13 AH C NSFTZ246FCZZ 21- 2 AG C NSFTZ246FCZZ 31- 21- 18 AG C NSFTZ246FCZZ 31- 21- 30 AH C NSFTZ247FCZZ 31- 21- 30 AH C NSFTZ247FCZZ 31- 31- 31- 31- 31- 31- 31- 31- 31- 31-				N		
NSFTZ1765FCZZ				.,		
NSFTZ14805FCZZ						
NSFTZ2444FCZZ						
NSFTZ2445FCZ1						
NSFTZ2447FCZ1						
NSFTZ2448FCZZ	NSFTZ2446FCZZ					
NSFTZ2449FCZZ 26- 5	NSFTZ2447FCZ1	24- 10	ΑL		С	
NSFTZ2450FCZZ 26-10 AK C NSFTZ2451FCZZ 26-16 AK C NSFTZ2452FCZZ 29-14 AL C NSFTZ2454FCZZ 26-13 AH C NSFTZ2455FCZZ 26-18 AH C NSFTZ2455FCZZ 26-18 AH C NSFTZ2456FCZZ 27-11 AK C NSFTZ2457FCZZ 26-17 AH C NSFTZ2458FCZZ 23-1 AM C NSFTZ2458FCZZ 23-1 AM C NSFTZ2459FCZZ 23-13 AH C NSFTZ2460FCZZ 23-35 AP C NSFTZ2460FCZZ 23-35 AP C NSFTZ2460FCZZ 21-2 AG C NSFTZ2461FCZZ 16-23 AM C NSFTZ2461FCZZ 11-18 AG C NSFTZ2463FCZ1 21-18 AG C NSFTZ2466FCZZ 20-13 AN C NSFTZ2466FCZZ 20-13 AN C NSFTZ2466FCZZ 38-29 AR C NSFTZ2466FCZZ 38-29 AR C NSFTZ2466FCZZ 38-29 AR C NSFTZ2466FCZZ 31-21 AM C NSFTZ2466FCZZ 31-21 AM C NSFTZ2468FCZZ 31-21 AM C NSFTZ2468FCZZ 31-21 AM C NSFTZ2471FCZZ 32-8 AH C NSFTZ2477FCZZ 32-8 AH C NSFTZ2477FCZZ 31-27 AL C NSFTZ2477FCZZ 31-27 AL C NSFTZ2477FCZZ 31-27 AL C NSFTZ2477FCZZ 31-27 AH C NSFTZ2487FCZZ 34-33 AE C NSFTZ2487FCZZ 34-33 AE C NSFTZ2487FCZZ 34-33 AE C NSFTZ2501FCZZ 34-33 AF C NSFTZ2501FCZZ 34-33 AF C NSFTZ2555FCZZ 34-33 AP C NSFTZ2555FCZZ 34-33 AP C NSFTZ2555FCZZ 34-34 AP C NSFTZ2555FCZZ 34-34 AP C NSFTZ2555FCZZ 34-34 AP C NSFTZ2555FCZZ 34-34 AP C	NSFTZ2448FCZZ	28- 10	AK		С	
NSFTZ2451FCZZ 26- 16 AK C NSFTZ2452FCZZ 29- 14 AL C NSFTZ2455FCZZ 26- 13 AH C NSFTZ2455FCZZ 26- 13 AH C NSFTZ2456FCZZ 26- 18 AH C NSFTZ2456FCZZ 27- 11 AK C NSFTZ2456FCZZ 27- 11 AK C NSFTZ2458FCZZ 26- 17 AH C NSFTZ2458FCZZ 23- 1 AM C NSFTZ2459FCZZ 23- 13 AH C NSFTZ2450FCZZ 23- 13 AH C NSFTZ2460FCZZ 23- 35 AP C NSFTZ2461FCZZ 16- 23 AM C NSFTZ2463FCZZ 21- 2 AG C NSFTZ2463FCZZ 21- 2 AG C NSFTZ2463FCZZ 21- 18 AG C NSFTZ2464FCZZ 20- 13 AN C NSFTZ2465FCZI 22- 30 AH C NSFTZ2466FCZZ 38- 29 AR C NSFTZ2466FCZZ 38- 29 AR C NSFTZ2466FCZZ 38- 29 AR C NSFTZ2469FCZZ 31- 21 AM C NSFTZ2469FCZZ 31- 21 AM C NSFTZ2469FCZZ 32- 17 AL C NSFTZ2469FCZZ 32- 17 AL C NSFTZ2471FCZZ 32- 8 AH C NSFTZ2471FCZZ 32- 8 AH C NSFTZ2471FCZZ 32- 8 AH C NSFTZ2477FCZZ 31- 27 AH C NSFTZ2477FCZZ 32- 8 AH C NSFTZ2478FCZZ 34- 3 AE C NSFTZ2488FCZZ 34- 3 AE C NSFTZ2488FCZZ 34- 3 AE C NSFTZ2488FCZZ 34- 3 AE C NSFTZ2489FCZZ 34- 3 AE C NSFTZ2491FCZZ 32- 8- 6 AH C NSFTZ2491FCZZ 32- 8- 6 AH C NSFTZ2493FCZI 32- 29 AH C NSFTZ2493FCZI 32- 29 AH C NSFTZ2453FCZZ 34- 3 AR C NSFTZ2555FCZZ 32- 25- AH N C	NSFTZ2449FCZZ	26- 5	AH		С	
NSFTZ2452FCZZ 29- 14	NSFTZ2450FCZZ	26- 10	AK		С	
NSFTZ2454FCZZ 26- 13	NSFTZ2451FCZZ	26- 16	AK		С	
NSFTZ2455FCZZ 26- 18		29- 14			С	
NSFTZ2456FCZZ 27- 11					С	
NSFTZ2457FCZZ 26- 17						
NSFTZ2458FCZZ 23- 1						
NSFTZ2459FCZZ 23- 13						
NSFTZ2460FCZZ						
NSFTZ2461FCZZ						
NSFTZ2462FCZZ						
NSFTZ2463FCZ1						
NSFTZ2466FCZ1 22-30						
NSFTZ2465FCZ1						
NSFTZ2466FCZZ 38- 29						
NSFTZ2467FCZZ 38- 24						
NSFTZ2468FCZZ 31- 21						
NSFTZ2469FCZZ 32- 17						
NSFTZ2471FCZZ 32- 8						
NSFTZ2472FCZZ 31- 27						
NSFTZ2474FCZZ						
NSFTZ2475FCZZ						
NSFTZ2476FCZZ 68- 20 AL C NSFTZ2477FCZZ 70- 4 AG C NSFTZ2480FCZZ 18- 4 AH C NSFTZ2483FCZZ 34- 3 AE C NSFTZ2484FCZZ 34- 39 AF C NSFTZ2491FCZZ 18- 6 AH C NSFTZ2492FCZZ 68- 26 AB C NSFTZ2493FCZI 32- 29 AH C NSFTZ2501FCZZ 9- 11 AR C NSFTZ2503FCZZ 19- 3 AR C NSFTZ25047FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C						
NSFTZ2477FCZZ 70- 4 AG C NSFTZ2480FCZZ 18- 4 AH C NSFTZ2483FCZZ 34- 3 AE C NSFTZ2484FCZZ 34- 39 AF C NSFTZ2491FCZZ 18- 6 AH C NSFTZ2492FCZZ 68- 26 AB C NSFTZ2493FCZI 32- 29 AH C NSFTZ2501FCZZ 9- 11 AR C NSFTZ2503FCZZ 19- 3 AR C NSFTZ25047FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C						
NSFTZ2480FCZZ 18- 4 AH C NSFTZ2483FCZZ 34- 3 AE C NSFTZ2484FCZZ 34- 39 AF C NSFTZ2491FCZZ 18- 6 AH C NSFTZ2492FCZZ 68- 26 AB C NSFTZ2493FCZI 32- 29 AH C NSFTZ2501FCZZ 9- 11 AR C NSFTZ2503FCZZ 19- 3 AR C NSFTZ2504FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C					_	
NSFTZ2483FCZZ 34- 3 AE C NSFTZ2484FCZZ 34- 39 AF C NSFTZ2491FCZZ 18- 6 AH C NSFTZ2492FCZZ 68- 26 AB C NSFTZ2493FCZ1 32- 29 AH C NSFTZ2501FCZZ 9- 11 AR C NSFTZ2503FCZZ 19- 3 AR C NSFTZ2547FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C						
NSFTZ2484FCZZ						
NSFTZ2491FCZZ 18- 6 AH C NSFTZ2492FCZZ 68- 26 AB C NSFTZ2493FCZ1 32- 29 AH C NSFTZ2501FCZZ 9- 11 AR C NSFTZ2503FCZZ 19- 3 AR C NSFTZ2547FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C			AF			
NSFTZ2493FCZ1 32- 29 AH C NSFTZ2501FCZZ 9- 11 AR C NSFTZ2503FCZZ 19- 3 AR C NSFTZ2547FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C	NSFTZ2491FCZZ		AH			
NSFTZ2501FCZZ 9- 11 AR C NSFTZ2503FCZZ 19- 3 AR C NSFTZ2547FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C		68- 26	AB		С	
NSFTZ2503FCZZ 19- 3 AR C NSFTZ2547FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C		32- 29			С	
NSFTZ2547FCZZ 34- 13 AP C NSFTZ2555FCZZ 29- 25 AH N C		9- 11				
NSFTZ2555FCZZ 29- 25 AH N C					С	
NSFTZ2556FCZZ 26-13 AH N C						
	NSFTZ2556FCZZ	26- 13	AH	N	С	

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PARTS CODE	NO.	PRICE	NEW	PART	
FARTS CODE	NO.	RANK	MARK	RANK	
NSFTZ2557FCZZ	26- 10	AK	NI	_	
			N	С	
NSFTZ2558FCZZ	26- 16	AK	N	С	
NSFTZ2559FCZZ	26- 17	AH	N	С	
NSFTZ2560FCZZ	26- 18	AH	N	С	
				_	
NSFTZ2562FCZ1	19- 37	AQ	N	С	
NSFTZ2563FCZZ	34- 13	AR	N	С	
NSFTZ2564FCZZ	24- 28	AP	N	С	
			1.4		
NSRW-0028FCZZ	13- 29	AK		С	
NSRW-0029FCZZ	33- 6	AH		С	
[P]					
PBŌX-0116FCZZ	45 00	AU		_	
	15- 29			D	
PBŌX-0117FCZZ	14- 28	ΑZ		С	
PBRSS0192FCZZ	18- 8	AH		В	
PBRSS0196FCZZ		AK			
	68- 16			В	
PCASZ0285FCZZ	37- 13	AL		С	
PCASZ0286FCZZ	37- 14	AK		С	
PCLC-0277FCZZ	32- 11	AS		В	
PCLC-0286FCZZ	25- 22	AY		В	
PCLC-0287FCZZ	26- 6	ΑV		В	
PCLC-0288FCZZ	26- 15	ΑV		В	
PCLC-0289FCZZ	34- 23	AV		В	
PCLC-0290FCZZ	71- 13	ΑV		В	
PCLC-0291FCZZ	71- 39	AY		В	
			N.I		
PCLC-0295FCZZ	34- 23	AV	N	В	
PCLR-0259FCZZ	22- 11	AB		С	
PCLR-0373FCBZ	34- 38	AD		С	
PCLR-0373FCZZ		AC			
	34- 53			С	
PCLR-0421FCZ1	69- 22	AF		С	
PCLR-0441FCZZ	9- 38	AK		С	
PCLR-0442FCZZ		AD			
	21- 17			С	
PCLR-0446FCZZ	19- 15	AD		С	
PCLR-0448FCZZ	71- 43	ΑE		С	
PCLR-0452FCZZ	24- 39	ΑE		Č	
PCLR-0459FCZZ	24- 39	AF	N	С	
PCŌVP0911FCZ1	4- 21	AC		С	
PCOVP0941FCZ1	4- 22	AC		Č	
PCŌVP1142FCZZ	34- 36	AC		С	
PCŌVP1184FCZ1	13- 13	AC		С	
PCOVP1266FCGZ	2- 25	AH		D	
PCOVP1428FCZZ	1- 39	ΑZ		D	
PCŌVP1429FCZZ	1- 40	AP		D	
PCŌVP1430FCZZ	1- 15	AQ		С	
PCOVP1431FCZZ	1- 42	AK		D	
PCŌVP1432FCZZ	25- 20	AH		С	
PCŌVP1433FCZZ	13- 1	AP		С	
PCOVP1436FCZ1	37- 5	AC		Č	
PCOVP1437FCZ1	37- 6	AC		С	
PCŌVP1438FCZZ	14- 7	ΑT		D	
PCOVP1439FCZZ	23- 21	AF		С	
PCOVP1440FCZZ	23- 29	AL		С	
PCŌVP1441FCZZ	17- 2	ΑZ		С	
PCOVP1442FCZZ	16- 30	AR		С	
PCOVP1451FCZZ	38- 2	AH		C	
PCŌVP1452FCZZ	14- 51	AG		D	
"	15- 51	AG		D	
PCOVP1454FCZ1	5- 4	AN	N	С	
PCŌVP1454FCZZ	5- 4	AP	- ' '	C	
	_				
PCOVP1456FCZ1	5- 9	AH		С	
PCŌVP1458FCZZ	68- 13	AF		С	
PCOVP1459FCZZ	68- 11	AK		С	
		AN			
PCOVP1460FCZ2	18- 19			С	
PCŌVP1469FCZZ	20- 19	AF		С	
PCOVP1470FCZ2	5- 68	AR		С	
PCOVP1508FCZZ	5- 68	AT		C	
PCOVP1513FCZZ	5- 30	AG		С	
PCŌVP1514FCZZ	18- 48	AH		С	
PCOVP1518FCZZ	5- 10	ΑE	N	D	
PCOVP1523FCZZ	18- 19	AP	N	С	
PCOVW0829FCZZ	42- 2	AC	<u></u>	С	<u> </u>
//	43- 3	AC		С	
"		AC			
	44- 2			С	
PCUSF0334FCZZ	7- 18	AP		С	
PCUSG0359FCZZ	20- 21	AC		С	
PCUSG0365FCZZ	18- 49	AD		C	
//	19- 49	AD		С	
PCUSG0366FCZZ	18- 50	AC		С	
"	19- 50	AC		C	
PCUSS0201FCZZ	8- 8	AA		С	
PCUSS1021LCZZ	5- 65	AC		С	
PCUSU0203FCZZ	7- 9	ΑE		C	
PDUC-0147FCZZ					
1000 014/6022	11- 3	AH		D	

		DDIOF	A 15147	DART	T
PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
PDUC-0148FCZZ	9- 54	AW		D	
PDUC-0149FCZZ	9- 58	AR		D	
PDUC-0150FCZZ	11- 6	AL		D	
PDUC-0151FCZZ	9- 69	AG	N.	D	
PDUC-0160FCZZ PFiLD0263FCZZ	10- 51 11- 37	AP AL	N	C B	
PFiLW0264FCZZ	2- 15	AD		С	
PFiLZ0265FCZ1	9- 62	BA		В	
PFiLZ0280FCZ1	10- 52	ВС	N	С	
PFTA-0117FCZZ	14- 1	ΑE		С	
PFTA-0118FCZZ	14- 3	AE		С	
PFTA-0119FCZZ PFTA-0120FCZZ	14- 1	AE		С	
PFTA-0120FCZZ	14- 3 14- 3	AE AE		C	
PFTA-0126FCZZ	14- 3	AE		C	
PFTA-0135FCZZ	2- 20	ΑE		D	
PGiDH0816FCZZ	6- 23	AC		С	
PGiDH1782FCZ1	33- 12	AQ		С	
PGiDH1783FCZZ	23- 10	AM		С	
PGiDH1784FCZZ	17- 9	AK		С	
PGiDH1785FCZZ PGiDH1786FCZZ	22- 31 22- 24	AM AF		C	
PGiDH1787FCZZ	22- 24	AM		C	
PGiDH1788FCZZ	22- 37	AM		C	
PGiDH1789FCZZ	22- 47	AH		C	
PGiDH1790FCZ1	22- 23	AF		C	
PGiDH1792FCZZ	5- 58	AF		С	
PGiDH1793FCZZ	5- 52	AG		С	
PGiDH1794FCZZ	68- 29	AM		С	
PGiDH1795FCZZ PGiDH1796FCZ1	68- 15	AF AL		C	
PGiDH1797FCZZ	18- 30 18- 10	AP		C	
PGiDH1833FCZZ	38- 11	AC		C	
PGiDH1879FCZZ	18- 10	AQ	N	С	
PGiDH1881FCZZ	17- 24	AN	N	С	
PGiDM1344FCZZ	34- 47	AM		С	
PGiDM1799FCZZ	37- 12	AL		С	
PGiDM1800FCZZ PGiDM1802FCZZ	12- 17	AK AK		С	
PGIDM1802FCZZ	21- 20 21- 1	AK		C	
PGiDM1804FCZZ	20- 9	AQ		C	
PGiDM1805FCZZ	20- 17	AR		Č	
PGiDM1806FCZZ	35- 1	ΑE		С	
PGiDM1807FCZZ	35- 2	AE		С	
PGiDM1808FCZZ	31- 18	AG		С	
PGiDM1809FCZZ PGiDM1810FCZZ	31- 4 32- 23	AF AP		С	
PGIDMI810FCZZ	32- 23	AG		C	
PGiDM1812FCZZ	68- 17	AY		C	
PGiDM1814FCZZ	69- 9	AQ		C	
PGiDM1816FCZZ	19- 25	AQ		С	
PGiDM1817FCZ2	19- 21	AR		С	
PGiDM1818FCZ1	19- 28	AK		С	
PGiDM1819FCZ1	19- 30	AQ		С	
PGiDM1825FCZ1 PGiDM1827FCZZ	34- 30 12- 14	AN AH		C	
PGiDM1837FCZZ	18- 41	AC		С	
PGiDM1839FCZZ	16- 41	AQ		C	
PGiDM1873FCZ1	1- 29	AG	N	С	-
PGiDM1874FCZZ	19- 28	AL	N	С	
PGiDM1875FCZZ	19- 30	AR	N	С	
PGiDM1877FCZZ PGiDM1878FCZZ	19- 44	AV AF	N	C	
PGIDMI878FCZZ	19- 43 18- 54	AA	N N	C	
PGiDM1882FCZZ	16- 30	AP	N	C	
PGiDW1824FCZZ	35- 14	AC		C	
PGLSP0074FCZ8	1- 34	BK		В	
PGLSP0092FCZZ	5- 22	ΑV		В	
PGLSP0100FCZZ	1- 34	AZ	N	В	
PGLSP0101FCZZ	1- 26	AS AG	N	В	
PGSK-0016FCZZ PGSK-0026FCZZ	6- 38 6- 35	AG		C	
PGSK-0026FCZZ	6- 36	AX		C	
PGSK-0028FCZZ	6- 32	AF		C	
"	11- 64	AF		С	
PGSK-0030FCZZ	5- 77	AH		С	
PGSK-1002LCZZ	2- 52	AC		С	
// DCSK = 2016HC77	6- 48	AC		С	
PGSK-2016HCZZ PGUMS0147FCZZ	5- 57 5- 28	AR AA		C	
PGUMS0147FCZZ	9- 33	AC		C	
	- 30				l .

DARTE CODE	NO	PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
PGUMS0228FCZZ	5- 25	AA		С	
PGUMS0273FCZZ PGUMS0281FCZZ	5- 26 5- 26	AB AB	N	C	
PHOG-0346FCZZ	11- 57	AB	IN	C	
PHŌG-1023CCZZ	11- 24	AB		C	
PHOG-7004SCZZ	16- 44	AD		C	
PKAi-1080CESA	1- 16	ΑE		С	
PMAGT0015FCZZ	1- 41	AD		В	
PMAGT0072FCZZ	9- 41	AF		В	
PMAGT0088FCZZ PMiR-0155FCZZ	35- 10 8- 12	AF AP		В	
PMiR-0156FCZZ	7- 13	AS		B B	
PMiR-0159FCZZ	7- 13	AS		В	
PMLT-1132FCZZ	14- 26	AC		С	
PMLT-1133FCZZ	14- 24	AC		С	
PMLT-1134FCZZ	14- 25	AC		С	
PMLT-1136FCZZ	14- 9	AC		С	
PMLT-1137FCZZ PMLT-1141FCZZ	14- 36 14- 35	AB AC		C	
PMLT-1142FCZZ	14- 30	AD		C	
PMLT-1145FCZZ	14- 31	AA		C	
PMLT-1154FCZZ	15- 32	AA		C	
PMLT-1161FCZ1	13- 49	AD		С	
PMLT-1162FCZ1	13- 48	AD		C	
PMLT-1163FCZZ	13- 7	AC		С	
PMLT-1167FCZZ PMLT-1168FCZZ	20- 24	AF AB		C	
PMLT-1168FCZZ PMLT-1169FCZZ	20- 25 20- 26	AC		C	
PMLT-1184FCZZ	14- 37	AA		C	
PMLT-1189FCZZ	14- 27	AD		С	
PMLT-1191FCZZ	20- 27	AC		C	
PMLT-1192FCZZ	20- 28	AC		С	
PMLT-1225FCZZ	19- 39	AC	N	С	
PMLT-1226FCZZ PMLT-1227FCZZ	19- 40	AC AC	N N	С	
PPiPP0197FCZZ	19- 41 13- 17	AF	IN	C	
PPiPP0198FCZZ	33- 8	AS		C	
PPiPP0199FCZZ	32- 18	AD		C	
PPiPP0200FCZZ	39- 46	AN		С	
PRDAF0071FCZZ	50- 2	AK		С	
PREFL0168FCZZ PREFL0172FCZZ	7- 5	AP		С	
PRNG-0100FCZZ	7- 5 15- 17	AK AD		C	
PRNGP0015FCZZ	15- 11	AF		C	
PRNGP0077FCZZ	20- 23	AA		С	
//	21- 12	AA		С	
PRNGP0081FCZZ	35- 52	AA		С	
PRNGP0096FCZZ	15- 11	AK		С	
PSEL-0749FCZ1 PSEL-0750FCZ1	13- 23 13- 22	AG AG		C	
PSEL-0751FCZZ	14- 11	AC		C	
PSEL-0753FCZZ	23- 9	AC		C	
PSEL-0754FCZ2	15- 31	ΑE		С	
PSEL-0755FCZ2	15- 30	ΑE		С	
PSEL-0763FCZZ	14- 8	AG		С	
PSEL-0764FCZZ PSEL-0765FCZZ	9- 60	AE AE		C	
PSEL-0785FCZZ	9- 61 15- 36	AG	N	C	
PSEL-0787FCZ1	14- 8	AF	N	C	
PSHEP0293GCZZ	43- 4	AB		С	
PSHEP1804FCZZ	11- 59	AB		С	-
PSHEP2340FCZZ	70- 9	AA		С	
PSHEP4529FCZZ	11- 18	AD		С	
PSHEP4546FCZZ PSHEP4547FCZZ	6- 40 5- 27	AE AB		С	
PSHEP4547FCZZ PSHEP4549FCZZ	69- 33	AC		C	
PSHEP4553FCZZ	3- 8	AQ		C	
PSHEP4554FCZZ	3- 8	AQ		С	
PSHEP4604FCZZ	2- 23	ΑE		С	
PSHEP4617FCZZ	15- 34	AD		С	
PSHEP4626FCZZ	21- 26	AE		С	
PSHEP4655FCZZ PSHEP4664FCZZ	9- 64 37- 15	AC AD		C	
PSHEP4666FCZZ	9- 16	AC		C	
PSHEP4667FCZZ	68- 30	AD		C	
PSHEP4672FCZZ	9- 91	AC		С	-
PSHEP4675FCZZ	5- 78	AC		C	
PSHEP4676FCZZ	5- 86	AD		С	
PSHEP4681FCZZ PSHEP4682FCZZ	3- 34 7- 16	AC AE		C	
PSHEP4684FCZZ	7- 10	AC		C	
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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
PSHEP4718FCZ1	3- 8	AQ	N	C	
PSHEP4719FCZ1	3- 8	AQ	N	C	
PSHEP4720FCZZ	9- 88	AD	11	C	
"	11- 54	AD		C	
PSHEP4721FCZZ	9- 89	AD		C	
PSHEP4722FCZZ	15- 19	AC		C	
PSHEP4784FCZZ	3- 38	AB	N	Č	
PSHEP4786FCZZ	11- 77	AD	N	C	
PSHEP4800FCZZ	22- 55	AC	N	C	
PSHEZ1394FCZZ	39- 35	AC		D	
PSHEZ2097FCZZ	39- 3	AF		С	
PSHEZ3130FCZZ	38- 7	AB		С	
PSHEZ4513FCZZ	5- 29	AB		С	
"	5- 36	AB		С	
PSHEZ4518FCZZ	14- 18	AG		С	
PSHEZ4519FCZZ	14- 17	AG		С	
PSHEZ4520FCZ1	22- 22	ΑE		С	
PSHEZ4521FCZZ	22- 25	AF		С	
PSHEZ4523FCZZ	15- 3	AB		С	
PSHEZ4524FCZZ	32- 22	AC		С	
PSHEZ4525FCZZ	32- 21	AC		С	
PSHEZ4530FCZZ	8- 11	AD		С	
PSHEZ4555FCZZ	3- 27	AH		С	
//	39- 41	AH		С	
PSHEZ4556FCZZ	3- 27	AH		С	
//	39- 41	AH		С	
PSHEZ4557FCZZ	3- 27	AH		С	
//	39- 41	AH		С	
PSHEZ4558FCZZ	3- 27	AH		С	
PSHEZ4559FCZZ	3- 27	AH		С	
PSHEZ4560FCZZ	3- 27	AH		С	
PSHEZ4561FCZZ	3- 27	AH		C	
PSHEZ4562FCZZ	3- 37	AE		С	
//	39- 41	AE		С	
PSHEZ4563FCZZ	3- 37	AE		С	
<i>"</i>	39- 41	AE		С	
PSHEZ4564FCZZ	3- 37	AE		С	
//	39- 41	AE		С	
PSHEZ4565FCZZ //	3- 37	AE		С	
	39- 41	AE		С	
PSHEZ4566FCZZ PSHEZ4567FCZZ	3- 37	AE AE		С	
PSHEZ4568FCZZ	3- 37 3- 37	AE		C	
PSHEZ4605FCZZ	9- 55	AK		C	
PSHEZ4616FCZZ	30- 13	AP		C	
PSHEZ4618FCZZ	18- 44	AN		C	
PSHEZ4629FCZZ	9- 85	AC		C	
PSHEZ4656FCZZ	9- 86	AC		Č	
PSHEZ4668FCZZ	9- 92	AC		Č	
PSHEZ4677FCZZ	5- 79	BF		C	
PSHEZ4685FCZZ	5- 76	AG		Č	
PSHEZ4703FCZZ	3- 27	AK		С	
//	39- 41	AK		C	
PSHEZ4704FCZZ	3- 27	AK		С	
//	39- 41	AK		С	
PSHEZ4705FCZZ	3- 27	AK		С	
//	39- 41	AK		С	
PSHEZ4706FCZZ	3- 27	AK		С	
//	39- 41	AK		С	
PSHEZ4707FCZZ	39- 41	AK		С	
PSHEZ4708FCZZ	39- 41	AK		С	
PSHEZ4709FCZZ	39- 41	AK		С	
PSHEZ4710FCBZ	3- 37	AE	N	С	
//	39- 41	AE	N	С	
PSHEZ4710FCZZ	3- 37	AE		С	
// DCUE74711FCD7	39- 41	AE	A 1	С	
PSHEZ4711FCBZ	3- 37	AE	N	С	
PSHEZ4711FCZZ	39- 41	AE AE	N	C	
PSHEZ4/ITFCZZ	3- 37 39- 41	AE		C	
PSHEZ4712FCBZ	39- 41	AE	N	C	
//	39- 41	AE	N	C	
PSHEZ4712FCZZ	3- 37	AE	IN	C	
//	39- 41	AE		C	
PSHEZ4713FCBZ	3- 37	AE	N	С	
//	39- 41	AE	N	C	
PSHEZ4713FCZZ	3- 37	AE		C	
//	39- 41	AE		C	
PSHEZ4714FCBZ	39- 41		N	C	
	00 11				
PSHEZ4714FCZZ	39- 41	AE		С	
	39- 41 39- 41	AE AE	N	C	

DARTS CODE	NO.	PRICE	NEW	PART	
PARTS CODE		RANK	MARK	RANK	
PSHEZ4715FCZZ PSHEZ4716FCBZ	39- 41	AE AE	N.	С	
PSHEZ4716FCZZ	39- 41 39- 41	AE	N	C	
PSHEZ4726FCZZ	3- 27	AH		C	
"	39- 41	AH		C	
PSHEZ4727FCZZ	3- 27	AH		С	
"	39- 41	AH		С	
PSHEZ4728FCZZ	3- 27	AH		С	
PSHEZ4729FCZZ	39- 41 3- 27	AH AH		С	
#SHEZ4729FCZZ	39- 41	AH		C	
PSHEZ4730FCZZ	3- 27	AH		C	
PSHEZ4731FCZZ	3- 27	AH		С	
PSHEZ4732FCZZ	3- 27	AH		С	
PSHEZ4762FCZZ	19- 42	AA		С	
PSHEZ4769FCZZ	22- 54	AC		С	
PSHEZ4770FCZZ	1- 53	AF	N	С	
PSHEZ4771FCZZ PSHEZ4774FCZZ	5- 36 70- 19	AB AC	N N	C	
PSHT-0074FCZZ	13- 16	AF	IN	C	
PSHT-0075FCZZ	33- 9	AF		C	
PSHT-0087FCZZ	14- 39	AD	N	Č	
PSLDH0178FCZZ	4- 8	AD		С	
PSPAZ1410FCZZ	18- 34	AB		С	
PSPAZ1413FCZZ	42- 3	AC		С	
<i>"</i>	43- 5	AC		С	
PSPAZ1415FCZZ	44- 3 5- 70	AC AC		C	
PTME-0168FCZZ	16- 29	AF		C	
PTME-0174FCZ1	17- 25	AG		C	
PTME-0225FCZZ	13- 36	AC		C	
PTME-0269FCZZ	19- 5	AD		C	
PTME-0271FCZZ	35- 8	AD		С	
PTME-0272FCZZ	38- 35	AG		С	
PTME-0273FCZZ PTME-0277FCZZ	38- 38	AG	N.	С	
PTME-0277FCZZ	14- 40 16- 46	AC AM	N N	C	
PTPE-0243FCZZ	38- 12	AD	IN	С	
PTPE-0248FCZZ	6- 39	AF		С	
PTPE-0251FCZZ	1- 49	AD		C	
PTPE-0257FCZZ	6- 54	AC		С	
PTUBP0129FCZZ	19- 35	AC		С	
PWiR-0186FCZZ	6- 1	AS		С	
PWiR-0188FCZZ	37- 1	AM	N	В	
QACCE7422QCZZ	11- 24	ВВ		В	
QACCJ3410QCZZ	11- 24	AS		В	
QACCL8421QCN1	11- 24	AX		В	
QACCV6420QCN2	11- 24	AU		В	
QCNCM0542FCZZ	52- 1	AC		С	
QCNCM0672FCZZ	50- 3	AB		С	
QCNCM0895FCZZ QCNCM0923FC16	50- 4 41- 2	AG AF		C	
QCNCM0923FC16	41- 2 41- 3	AF		C	
QCNCM0964FCZZ	40- 2	AG		С	
QCNCM0965FCZZ	40- 3	AG		С	
QCNCM0966FCZZ	40- 4	AG		С	-
QCNCM0967FCZZ	40- 5	AG		С	
QCNCM0972FCZZ	42- 4	AH		С	
<i>"</i>	43- 6 44- 4	AH AH		C	
QCNCM0974FCZZ	42- 5	AK		C	
//	43- 7	AK		C	
"	44- 5	AK		С	
QCNCM0976FCZZ	47- 1	AD		С	
QCNCM0977FCZZ	47- 2	AF		С	
// OCNCM0079EC77	48- 1	AF		С	
QCNCM0978FCZZ QCNCM0979FCZZ	48- 2 45- 2	AF AF		C	
UCNCWO9/9FCZZ	46- 2	AF		C	
QCNCM0980FCZZ	45- 3	AF		C	
//	46- 3	AF		C	
QCNCM0981FCZZ	45- 4	AF		С	
//	46- 4	AF		С	
QCNCM0982FCZZ	45- 5	AF		С	
QCNCM0983FCZZ	46- 5 45- 6	AF AF		C	
// // // // // // // // // // // // //	46- 6	AF		C	
QCNCM0984FCZZ	45- 7	AD		C	
//	46- 7	AD		С	
QCNCM0985FCZZ	45- 8	ΑE		С	
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		PRICE	NEW	PART	1
PARTS CODE	NO.	RANK	MARK	RANK	
QCNCM0985FCZZ	46- 8	AE		С	
QCNCM0989FCZZ	50- 5	AG		С	
QCNCM0990FCZZ	42- 6 43- 8	AE AE		C	
<i>"</i>	44- 6	AE		C	
QCNCM0991FCZZ	42- 7	AG		C	
//	43- 9	AG		С	
//	44- 7	AG		С	
QCNCM0996FCZZ	40- 6	AF		С	
QCNCM0997FCZZ QCNCM0998FCZZ	47- 3	AD AF		С	
//	42- 8 43- 10	AF		C	
//	44- 8	AF		C	
QCNCM0999FCZZ	11- 9	AC		С	
QCNCM1000FCZZ	9- 87	AC		С	
QCNCM1015FCZZ	42- 9	AG		С	
<i>"</i>	43- 11 44- 9	AG		С	
QCNCM1043FCZZ	10-100	AG AK	N	C	
QCNCM1043FCZZ	41- 4	AL	N	C	
QCNCM1045FCZZ	41- 5	AN	N	C	
QCNCM7014SC0F	51- 1	AB		C	
QCNCM7014SC0i	40- 7	AB		С	-
QCNCM7014SC1C	40- 8	AC		С	
// OCNOW0389FC77	51- 2	AC		С	
QCNCW0382FCZZ	40- 9	AE AE		С	
QCNCW0399FCZZ	41- 6 49- 1	AE		C	
QCNCW0399FCZZ QCNCW0458FCZZ	50- 6	AD		C	
QCNCW0759FCZZ	49- 2	AC		C	
QCNCW0885FCZZ	40- 10	AG		С	
//	41- 7	AG		С	
QCNCW0948FCZ3	51- 3	AC		С	
QCNCW1020FCZZ	42- 10	AF		С	
"	43- 12 44- 10	AF AF		C	
QCNCW1046FCZZ	44- 10	AK	N	C	
QCNCW7036XC5J	10-101	AP	IN	C	
//	42- 11	AP		C	
"	43- 13	AP		С	
QCNCW7191RC1B	45- 10	AG		С	
//	46- 10	AG		С	
QCNW-0001QCZZ QCNW-0160FCZZ	11- 24	AN AE		С	
QCNW-0160FCZZ	5- 15 5- 16	AF		C	
QEARP0097FCZZ	3- 10	AD		C	
QEARP0109FCZZ	69- 49	AD		C	
QEARZ7013XCZZ	5- 83	AP		С	
QFS-B0030FCZZ	50- 10	AH		Α	
QFS-C1500QCZZ	50- 10	AF		Α	
QFSHD0026FCZZ	50- 13	AC		С	
QPLGA0001QCZZ QPLGA0003QCZZ	11- 24	AN AN		B B	
QPLGA0003QCZZ	11- 24 11- 24	AN		В	
QSLP-0190FCZZ	36- 8	AE		С	
QSLP-0191FCZZ	36- 6	AE		C	
QSLP-0193FCZZ	37- 9	ΑF		С	-
QSŌCZ0070FCZZ	42- 12	AN		С	
//	43- 14	AN		С	
QSŌCZ0071FCZZ	40- 11	AP AP		С	
"	45- 11 46- 11	AP		C	
QSŌCZ0072FCZZ	42- 13	AL		C	
//	43- 15	AL		C	
QSŌCZ0073FCZZ	41- 8	AL		C	
//	44- 12	AL		С	
QSŌCZ6428ACZZ	42- 14	AE		С	
// //	43- 16	AE AE		С	
QSW-L0515FCZZ	44- 13 35- 16	AE		C B	
QSW-M0319FCZZ	9- 39	AG		В	
QSW-M05131022	3- 10	AH		В	
QSW-M0518FCZZ	18- 25	AH		В	
QSW-P0465FCZZ	47- 4	AC		В	
//	48- 3	AC		В	
QSW-P0469FCZZ	47- 5	AD		В	
QSW-P0506FCZZ	19- 27	AP		В	
QSW-Z0507FCZZ	22- 32	AP AP		C	
WSW-20507FC22	18- 12 19- 27	AP		B B	
QSW-Z0514FCZZ	31- 19	AP		В	
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PARTS CODE	NO.	PRICE	NEW	PART RANK	
		RANK AP	MARK		
QSW-Z0516FCZZ	68- 24	AP		В	
	69- 26			В	
QSW-Z1390QCZZ	3- 24	BA		В	
QTANNO015FCZZ	11- 61	AG		C	
QTANP0115FCZZ	50- 14	AB		С	
//	50- 16	AB		С	
QTANP0116FCZZ	50- 15	AA		С	
QTANP0189FCZZ	50- 16	AC		С	
QTANZ0206FCZZ	25- 19	AF		С	
[R]					
RALMB1002LCZZ	47- 6	AE		С	
RC-KZ1054CCN2	42- 15	AB		С	
"	43- 17	AB		С	
//	44- 14	AB		С	
RC-KZ2005SCZZ	52- 2	AA		С	
RC-QZ0314FCZZ	50- 17	AH		С	
RC-QZ0358FCZZ	49- 3	AF		С	
RCiLF0031FCZZ	50- 18	AR		С	
RCiLF0068FCZZ	49- 4	AF		С	
RCiLF0080FCZZ	42- 16	AC		С	
//	43- 18	AC		С	
//	44- 15	AC		С	
RCiLF0096FCZZ	50- 19	AN		С	
RCiLF0099FCZZ	11- 65	AY		С	
RCiLF0104FCZZ	11- 56	AS	N	С	
RCŌRF0015FCZZ	5- 35	AK		С	
RCORF0029FCZZ	3- 31	AN		С	
RCŌRF0030FCZZ	5- 34	AM		С	
RCORF0031FCZZ	11- 50	ΑТ		C	
RCORF0032FCZZ	5- 38	ΑL		C	
RCORF0034FCZZ	18- 51	AR		C	
RCORF0035FCZZ	5- 87	AM		Č	
RCORF0037FCZZ	3- 36	AS		C	
RCORF1036ACZZ	3- 31	AP		C	
RCORF1039LCZZ	11- 68	AN		C	
RCORF 5 0 1 0 BCZZ	5- 84	AD		C	
RCORF 6 6 6 1 RCZZ	3- 35	AK		C	
RCORF 6 6 9 3 RCZZ	5- 85	AK		C	
RCRMC1003YCZZ	45- 12	AG		В	
//	46- 12	AG		В	
RCRS-0007FCZZ	47- 7	AD		В	
RCRS-0010FCZZ	40- 12	AK			
//	41- 9	AK		B B	
RCRS-0012FCZZ	42- 17	AU		В	
RCRS-0028FCZZ	42- 17	AQ		В	
RCRS-0032FCZZ		AH			
RCRS-0038FCZZ	46- 13 42- 19	AQ		B B	
RCRS-0038FCZZ		AS			
RCRS-0040FCZZ	42- 20	AE		С	
	45- 13			В	
RCRS-0049FCZZ RCRS-0050FCZZ	43- 19	AP		В	
	43- 19	AP		В	
RCRS-0051FCZZ	43- 20	AΡ		В	
RCRS-0052FCZZ	43- 20	AP		В	
RCRS-0053FCZZ	43- 21	AP		В	
RCRS-0054FCZZ	43- 21	AP		В	
RCRS-0055FCZZ	43- 22	AP		В	
// DCDC 00565677	44- 16	AP		В	
RCRS-0056FCZZ	43- 23	AP		В	
// DODO 00505077	44- 17	AP		В	
RCRS-0059FCZZ	44- 18	AP	N	В	
RCRS-0063FCZZ	44- 19	AP	N	В	
RCRSP6676RCZZ	42- 21	AG		С	
"	43- 24	AG		В	
//	44- 20	AG		В	
RCRSQ6011SCZZ	42- 22	AS		В	
RCRSZ1062ACZZ	42- 23	AS		В	
RDTCT0134FCZZ	16- 3	AR		В	
RDTCT0135FCZZ	16- 2	AR		В	
RDTCT0136FCZZ	15- 27	AY		С	
RDTCT0145FCZZ	16- 2	AQ	N	В	
RFiLF0031FCZZ	45- 14	AD		В	
//	46- 14	AD		В	
RFiLN6012RCZZ	43- 25	AB		В	
"	44- 21	AB		В	
RFiLN6013RCZZ	43- 26	AB		В	
//	44- 22	AB		В	
RFiLZ0028FCZZ	42- 24	AD		В	
//	43- 27	AD		В	
//	44- 23	AD		В	
RFiLZ0032FCZZ	42- 25	AD		В	
//	43- 28	AD		В	
-	0		<u> </u>		1

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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
RFiLZ0032FCZZ	44- 24	AD	IVIARK	В	
RFiLZ1029LCZZ	43- 27	AE		В	
RFiLZ1032LCZZ	43- 28	AE		В	
RH-DZ0019FCZZ	50- 20	AG		В	
RLMPD0619FCZZ	7- 1	BL		В	
RLMPD0638FCZZ	7- 1	BL		В	
RLMPU0617FCZZ	16- 33	ΑZ		В	
RLMPU0618FCZZ	16- 32	ΑZ		В	
RLMPU0624FCZZ	16- 33	ΑZ		В	
RLMPU0628FCZZ	16- 33	BA		В	
RLMPU0630FCZZ	16- 32	ΑZ		В	
RLMPU0634FCZZ	16- 32	BA		В	
RLMPU0640FCZZ	16- 33	ΑZ		В	
RLMPU0641FCZZ	16- 32	ΑZ		В	
RLMPU0642FCZZ	16- 33	ΑZ		В	
RLMPU0643FCZZ	16- 32	AZ		В	
RLMPU0652FCZZ	16- 33	AZ	N	В	
RLMPU0653FCZZ	16- 32	AZ	N	В	
RLMPU0654FCZZ	16- 33	AZ	N	В	
RLMPU0655FCZZ	16- 32	AZ	N	В	
RMŌTD0826FCZZ	14- 21	AX		В	
RMOTP0566FCZZ	70- 14	AV		В	
RMŌTP0827FCZZ RMŌTP0829FCZZ	12- 13	BR BP		В	
RMOTP0829FCZZ RMOTP0830FCZZ	6- 27 18- 56	AY		В	
#MOTP0830FCZZ				В	
RMŌTP0849FCZZ	69- 16	AY BR		В	
RMOTP0849FCZZ	12- 13 12- 13	BR	N	B B	
RMPTA0031FCZZ	50- 21	AE	IN	В	
RMPTC3272QCJB	52- 3	AA		В	
RMPTC4220QCJJ	44- 25	AC		В	
RMPTC7103QCJB	51- 4	AB		В	
RMPTC8103QCJB	51- 5	AC		В	
RMPTM0034FCZZ	42- 26	AC		В	
"	43- 29	AC		В	
"	44- 26	AC		В	
RMPTW4103QCJJ	40- 13	AB		В	
//	41- 10	AB		В	
"	45- 15	AB		В	
"	46- 15	AB		В	
RMPTW4122QCJJ	40- 14	AB		В	
"	41- 11	AB		В	
<i>"</i>	45- 16	AB		В	
//	46- 16	AB		В	
RMPTW4222QCJJ	40- 15	AB		В	
"	41- 12	AB		В	
<u>"</u>	45- 17	AB		В	
//	46- 17	AB		В	
RMPTW4334QCJJ //	45- 18	AB		В	
RMPTW4470QCJJ	46- 18	AB		В	
HMP TW4470QCJJ	45- 19 46- 19	AB AB		В	
RMPTW4472QCJJ	40- 19	AB		B B	
//	41- 13	AB		В	
RMPTW4683QCJJ	45- 20	AB		В	
//	46- 20	AB		В	
RPLU-0310FCZZ	69- 39	AR		В	
RPLU-0314FCZZ	68- 7	ВС		В	
RPLU-0326FCZ1	25- 9	AN		В	
RPLU-0327FCZZ	34- 20	AQ		В	
RPLU-0329FCZZ	18- 27	AQ		В	
RPLU-0330FCZZ	31- 1	ΑT		В	
RPLU-0331FCZZ	32- 24	AR		В	
RR-WZ0328FCZZ	50- 22	AD		С	
RRLYC4320QCZZ	50- 24	AY		В	
RRLYD3222QCZZ	50- 23	AL		В	
RRLYD4421QCN2	50- 24	AU		В	
RRLYD6120QCZZ	50- 25	AP		В	
RRLYD6121QCZZ	50- 25	AM		В	
RTHM-0009FCZZ	16- 6	AK		В	
RTHM-0014FCZZ	16- 6	AM		В	
RTRNZ0511FCZZ	49- 5	AQ	N.I	В	
RTRNZ0547FCZ1	10- 36	BS	N	В	
RTRNZ0547FCZZ RVR-M141JQCZZ	10- 36	BT AC		B	
#VH-MIT4TJQCZZ	45- 21 46- 21	AC		B B	
RVR-P0009FCZZ	35- 6	AV		В	
(S)	JJ- 0	~ ~		В	
SPAKA4527FCZZ	39- 49	AD		С	
SPAKA5210FCZZ	39- 49	AF		D	
//	39- 45	AF		D	
I	0		1		

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PARTS CODE	NO.	PRICE	NEW	PART	
		RANK	MARK	RANK	
SPAKA5732FCZZ	39- 12	AG		D	
SPAKA5757FCZ1	39- 2	AW		D	
SPAKA5758FCZZ	39- 13	AD		D	
SPAKA5759FCZZ	39- 14	AD		D	
SPAKA5763FCZ1	39- 2	AW		D	
SPAKA5886FCZ1	39- 44	ΑE		D	
SPAKA5895FCZ1	39- 2	ΑT		D	
SPAKA5896FCZ1	39- 5	ΑT		D	
SPAKA5897FCZ1	39- 2	ΑT		D	
SPAKA5898FCZ1	39- 5	ΑT		D	
SPAKA5903FCZ1	39- 6	BE		D	
SPAKA5962FCZZ	39- 2	ΑT		D	
SPAKA5963FCZZ	39- 5	ΑT		D	
SPAKA5983FCZZ	39- 2	ΑT		D	
SPAKA5984FCZZ	39- 5	ΑT		D	
SPAKA5994FCZZ	39-102	AF		D	
SPAKA6006FCZZ	39- 2	AW	N	D	
SPAKA6007FCZZ	39- 5	AW	N	D	
SPAKA6065FCZZ	39- 47	AD	N	D	
SPAKA6066FCZZ	39- 48	AD	N	D	
SPAKC5748FC13	39- 46	BD	14	D	
SPAKC5748FC14	39- 1	BD		D	
SPAKC5748FC15	39- 1	BD		D	
SPAKC5748FC15 SPAKC5833FC11		BD			
SPAKC5833FC11	39- 1			D	
	39- 1	BD		D	
SPAKC5833FCZZ	39- 1	BD		D	
SPAKC5958FC11	39- 1	BD		D	
SPAKC5958FC17	39- 1	BD		D	
SPAKC5958FC18	39- 1	BD		D	
SPAKC5958FC19	39- 1	BD		D	
SPAKC5958FC20	39- 1	BD		D	
SPAKC5958FC21	39- 1	BD		D	
SPAKC5958FC22	39- 1	BD		D	
SPAKC5958FCZZ	39- 1	BD		D	
SPAKC5959FC11	39- 1	BD		D	
SPAKC5959FC12	39- 1	BD		D	
SPAKC5959FC13	39- 1	BD		D	
SPAKC5959FCZZ	39- 1	BD		D	
SPAKC5981FC11	39- 1	ВС		D	
SPAKC5981FCZZ	39- 1	ВС		D	
SPAKC5982FCZZ	39- 1	ВС		D	
SPAKC6003FC11	39- 1	BD	N	D	
SPAKC6003FC12	39- 1	BD	N	D	
SPAKC6004FCZZ	39- 1	BD	N	D	
SSAKA2440QCZZ	39- 30	AB		D	
SSAKA3001CCZZ	39-101	AA		D	
[T]	00 .0.				
TCADS0649FCZZ	39- 36	AM		D	
TCADS0764FCZZ	39- 42	AE		D	
TCADZ0027YSZZ	39- 43	AE	N	1	
TCADZ00271322	39- 43	AB	14	D	
TCADZ1178FCZZ	39- 6	AB		D	
TCADZ1400FCZZ	39- 43	AE		D	
TCADZ1434FCZZ	39- 43	AE		D	
TCADZ1434FCZZ	39- 43	AE		D	
TCADZ1442FCZZ	39- 43	AE		D	
TCAUA0766FCZZ	1- 50	AB		С	
//	2- 50	AB		C	
		AB			
TCAUA0770FCZZ	1- 50			С	
	2- 50	AB		С	
TCAUH0918FCZZ	1- 50	AA		С	
// TCAUU1000FC77	2- 50	AA		С	
TCAUH1028FCZZ	1- 50	AC		С	
//	2- 50	AC		С	
TCAUH1034FCZZ	13- 47	AD		С	
TCAUH1035FCZZ	17- 1	AC		С	
TCAUH1036FCZZ	18- 15	AD		С	
TCAUS1038FCZZ	1- 44	AD		С	
	18- 16	AD		С	
TiNSE1696FCZZ	39- 37	AY		D	
TiNSE1697FCZZ	39- 37	BA		D	
TiNSE1705FCZZ	39- 39	AN		D	
TiNSE1732FCZZ	39- 37	BB		D	
TiNSE1829FCZ1	39- 37	AY		D	
TiNSE1840FCZZ	39- 39	AN		D	
TiNSF1698FCZZ	39- 37	BF		D	
TiNSG1731FCZZ	39- 37	BF		D	
TiNSH1737FCZZ	39- 37	BF		D	
TiNSi1736FCZZ	39- 37	BF		D	
TiNSR1734FCZZ	39- 37	BF		D	
TiNSS1735FCZZ	39- 37	BF		D	

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PARTS CODE	NO.	PRICE	NEW MARK	PART RANK	
TiNSW1738FCZZ	39- 37	BF	IVIARK	D	
TiNSZ1733FCZZ	39- 37	BF		D	
TLABH4244FCZZ	68- 14	AE		C	
TLABZ4205FCZZ	18- 14	AC		C	
TLABZ4239FCZZ	38- 32	AD		С	
TLABZ4240FCZZ	38- 32	AD		С	
TLABZ4245FCZ1	69- 6	AB		С	
TLABZ4261FCZZ	35- 3	ΑE		С	
TLABZ4262FCZZ	35- 3	ΑE		С	
TLABZ4276FCZZ	38- 32	AD		С	
TLABZ4289FCZZ	2- 51	AD		С	
TLABZ4335FCZZ TLABZ4360FCZZ	7- 6	AB		С	
TLABZ4360FCZZ	14- 38	AB		С	
TLABZ4381FCZZ	14- 38 1- 30	AB AH	NI.	C	
TLABZ43891CZZ	1- 30	AG	N N	C	
TLABZ4391FCZZ	14- 38	AA	N	С	
TLABZ4392FCZZ	14- 38	AA	N	C	
[U]	11 00	7171	- ' '		
UBAGF0050FCZZ	39- 4	AH		D	
UBATL2033SCZZ	42- 27	AK		A	
//	43- 30	AK		Α	
//	44- 27	AK		Α	
UCLEZ0149FCZZ	13- 4	AU		С	
UCLEZ0151FCZ1	13- 9	AS		С	
UCLEZ0152FCZZ	14- 29	AN		С	
UCLEZ0158FCZZ	13- 54	AP		С	
UKŌGZ0002FCZZ	39- 33	AD		D	
UYOK-0011FCZZ	39- 34	AA		D	
[V] VCCCCY1HH101J	45- 22	AA		С	
//	46- 22	AA		C	
VCCCCY1HH220J	46- 23	AA		C	
VCCCTV1HH220J	40- 17	AA		C	
"	41- 14	AA		C	
VCCCTV1HH300J	42- 28	AA		Č	
"	43- 31	AA		C	
VCCCTV1HH6R0D	42- 29	AA		С	
"	43- 32	AA		С	
"	44- 28	AA		С	
VCEA2U0JW108M	43- 38	AD		С	
//	44- 35	AD		С	
VCEA2U1CW477M	43- 39	AD		С	
// //CEA0111//W007M	44- 36	AD		C	
VCEA2U1VW227M	43- 40 44- 37	AD AD		С	
VCEAGA1AW477M	40- 19	AB		C	
//	41- 16	AB		С	
VCEAGA1CW477M	40- 20	AB		C	
"	41- 17	AB		C	
VCEAGA1HW224M	40- 21	AA		Č	
"	41- 19	AA		С	
VCEAGA1VW106M	40- 23	AA		С	
//	41- 21	AA		С	
VCEAGU1AW476M	40- 18	AA		С	
//	41- 15	AA		С	
VCEAGU1HW105M	41- 18	AA		С	
VCEAGU1HW335M //	40- 22	AA		С	
VCEAGU1VW476M	41- 20 40- 24	AA AB		C	
//	40- 24	AB		C	
VCEAJU0JW106M	44- 29	AB		C	
VCEAJU0JW107M	43- 33	AB		C	
//	44- 31	AB		C	
VCEAJU0JW226M	43- 34	AB		С	
//	44- 30	AB		С	
VCEAJU0JW337M	43- 35	AC		С	
//	44- 32	AC		С	
VCEAJU1CW476M	47- 8	AB		С	
VCEAJU1HW105M	43- 36	AB		С	
// //CEA !!!!!!!!!!!!!!!!!!	44- 33	AB		С	
VCEAJU1HW335M //	43- 37	AB		С	
VCEAPS0JC107M	44- 34	AB AC		C	
VCEAPS0JC107M	42- 30 42- 31	AC		C	
VCEAPS1AC226M	45- 24	AC		C	
//	46- 24	AC		C	
VCEAPS1AC476M	45- 25	AC		C	
// // // // // // // // // // // // //	46- 25	AC		С	
VCEAPS1CC106M	45- 26	AC		C	
//	46- 26	AC		C	

PARTS CODE	NO.	PRICE	NEW	PART	
VCEAPS1HC105M	42- 32	RANK AC	MARK	RANK	
VCEAPS1HC225M	45- 27	AD		O	
//	46- 27	AD		С	
VCEAPS1HC335M VCEAPS1VC106M	42- 33 45- 28	AC AC		С	
//	46- 28	AC		C	
VCEAPZ0JW108M	42- 34	ΑE		C	
VCEAPZ0JW337M	42- 35	AD		С	
VCEAPZ0JW477M VCEAPZ1AW477M	42- 36	AE AE		С	
//	45- 29 46- 29	AE		C	
VCEAPZ1CW477M	42- 37	ΑE		C	
"	45- 30	AE		С	
VCEAPZ1HW107M	46- 30	AE AF		С	
//	45- 31 46- 31	AF		C	
VCEAPZ1VW107M	45- 32	ΑE		C	
//	46- 32	AE		С	
VCEAPZ1VW227M	42- 38	AF		С	
VCEAPZ1VW476M	45- 33 46- 33	AE AE		C	
VCEAZA1AW226M	40- 25	AB		C	
//	41- 23	AB		С	
VCEAZU1HW105M	51- 6	AB		С	
VCEAZU1HW477M VCEAZU1VW477M	51- 7 40- 26	AE AD		C	
// // // // // // // // // // // // //	41- 24	AD		С	
VCFYEC1HM103J	45- 34	AD		С	
//	46- 34	AD		С	
VCFYFU2ED474M VCFYRT2EC105K	50- 26 50- 27	AG AL		C	
VCKYCY1CB473K	45- 35	AB		C	
//	46- 35	AB		C	
VCKYCY1HB102K	45- 36	AA		С	
VCKYCY1HB103K	46- 36 45- 37	A A		С	
// // // // // // // // // // // // //	46- 37	AA		C	
VCKYCY1HB222K	45- 38	AA		C	
//	46- 38	AA		С	
VCKYCY1HF223Z	45- 39	A A		С	
VCKYPU1HB101K	46- 39 47- 9	AA		CC	
VCKYPU1HB102K	52- 4	AA		C	
VCKYPU1HB681K	52- 5	AA		С	
VCKYPU1HF223Z VCKYQY3FF220J	47- 10 49- 6	AA		C	
VCKYTV1HB101K	49- 6	AA		C	
//	41- 25	AA		C	
VCKYTV1HB102K	40- 28	AA		С	
	41- 26	AA		С	
<i>"</i>	42- 39 43- 41	A A		C	
//	44- 38	AA		O	_
VCKYTV1HB222K	40- 29	AA		С	
VCKYTV1HB471K	41- 27	A A		С	
VCKYTVTHB4/TK	40- 30 41- 28	AA		C	
VCKYTV1HF103Z	43- 42	AA		0	_
//	44- 39	AA		С	
VCKYTV1HF104Z	42- 40	AA		С	
<i>"</i>	43- 43 44- 40	A A		C	
VCKYTV1HF223Z	40- 31	AA		C	
"	41- 29	AA		С	
<i>"</i>	42- 41	A A		С	
"	43- 44 44- 41	AA		C	
VCQYNA1HM682K	52- 6	AA		0	
VCQYNU1HM103K	40- 32	AA		С	
// VCOVNU1 HM1 0 4 K	41- 30	AA		С	
VCQYNU1HM104K VHDDAN202K/-1	50- 28 40- 33	AB AB		C B	
//	41- 31	AB		В	
//	45- 40	AB		В	
//	46- 40	AB		В	
VHDDAN217//-1	42- 42 43- 45	AC AC		B B	
"	43- 45	AC		В	
VHDDAP202K/-1	40- 34	AB		В	
"	41- 32	AB		В	
//	42- 43	AB		В	

PARTS CODE	NO.	PRICE	NEW	PART	
VHDDAP202K/-1	43- 46	RANK AB	MARK	RANK B	
// // // // // // // // // // // // //	44- 43	AB		В	
//	45- 41	AB		В	
//	46- 41	AB		В	
VHDDSM1D1//-1	40- 35	AB		В	
// VHDDSS133//-1	41- 33	AB AA		В	
//	50- 29 52- 7	AA		B B	
VHDDSS133HV-1	42- 44	AA		В	
//	43- 47	AA		В	
//	44- 44	AA		В	
VHDMA704A//-1	40- 36 41- 34	AC AC		B B	
VHDRB160L40-1	46- 42	AD		В	
VHDRB411D//-1	42- 45	AD		В	
//	43- 48	AD		В	
//	44- 45	AD		В	
VHDRLS73///-1	45- 43 46- 43	A A		В	
VHEHZS5A1//-1	43- 49	AC		B B	
//	44- 46	AC		В	
VHEHZS5B3//-V	40- 37	AB		В	
//	41- 35	AB		В	
VHEHZS5CLL/-1	40- 38	AC AC		В	
VHEHZS6A1//-1	41- 36 42- 46	AC		B B	
//	43- 50	AC		В	
//	44- 47	AC		В	
VHEHZU5 . 1 B1-1	45- 44	AC		В	
// VUEDD 2 2 E D / / _ 1	46- 44	AC		В	
VHERD22FB//-1	40- 39 41- 37	AD AD		B B	
VHH103AT-2/-1	47- 11	AG		В	
VHi16MSiMM/-1	5- 51	СВ		В	
VHi1816-6//-1	42- 74	ΑZ		В	
//	43- 77	AZ		В	
VHi 28C256E15P	44- 72	BB		В	
VHi28F081-01F VHi28F081-06F	40- 1 40- 1	BD BF		E B	
VHi28F081-11F	10- 76	BF	N	В	
//	41- 1	BF	N	В	
VHi28F081-13F	40- 1	BF		Е	
VHi28F082-01F	42-200	BN		E	
VHi28F082-03F VHi28F161-05F	43-200 45- 1	BN BL		E B	
VHi28F161A04F	46- 1	BN		В	
VHi28F161A07F	46- 1	BL	N	E	
VHi28F162A04F	44-200	BS	N		
VH i 32MS i MM/-1	5- 51	CA		В	
VHi74AHCT04NS VHi74AS00//NS	41- 53 42- 75	AD AF	N	B B	
VHi74AS04//NS	43- 78	AG		В	
//	44- 73	AG		В	
VHi74AS157NS1	42- 76	AL		В	
//	43- 79	AL		В	
VHi74AS158/NS VHi74F32SJ/-1	42- 77 45- 59	AN AE		В	
// // // // // // // // // // // // //	46- 59	AE		B B	
VHi74FCT244C1	46- 57	AP		В	
VHi74FCT245T1	46- 58	AR		В	
VHi74LV04NS-1	45- 63	ΑE		В	
// VU:741 VOONS_1	46- 63	AE		В	
VHi74LV08NS-1 VHi74LV14NS-1	45- 61 45- 64	AE AF		B B	
// // // // // // // // // // // // //	46- 64	AF		В	
VHi74LV32NS-1		AE		В	
	40- 54	—			
//	41- 54	ΑE		В	
"	41- 54 45- 62	AE AE		В	
" VHi74LVC04NS1	41- 54 45- 62 46- 60	AE AE AH		B B	
" VHi74LVC04NS1 VHi74LVC08NS1	41- 54 45- 62 46- 60 46- 61	AE AE AH AH		B B B	
" VHi74LVC04NS1	41- 54 45- 62 46- 60	AE AE AH		B B	
// VHi74LVC04NS1 VHi74LVC08NS1 VHi74LVC32NS1 VHi74VHCT04-1	41- 54 45- 62 46- 60 46- 61 46- 62	AE AE AH AH AH AF		B B B	
" VHi74LVC04NS1 VHi74LVC08NS1 VHi74LVC32NS1 VHi74VHCT04-1 " "	41- 54 45- 62 46- 60 46- 61 46- 62 40- 55 45- 65 46- 65	AE AE AH AH AF AF AF		B B B B B	
" VHi74LVC04NS1 VHi74LVC08NS1 VHi74LVC32NS1 VHi74VHCT04-1 " VHi74VHCT08F1	41- 54 45- 62 46- 60 46- 61 46- 62 40- 55 45- 65 46- 65 42- 78	AE AH AH AH AF AF AF		B B B B B B	
" VHi74LVC04NS1 VHi74LVC08NS1 VHi74LVC32NS1 VHi74VHCT04-1 " VHi74VHCT08F1 "	41- 54 45- 62 46- 60 46- 61 46- 62 40- 55 45- 65 46- 65 42- 78 43- 80	AE AH AH AF AF AF AF		B B B B B B B	
" VHi74LVC04NS1 VHi74LVC08NS1 VHi74LVC32NS1 VHi74VHCT04-1 " VHi74VHCT08F1 "	41- 54 45- 62 46- 60 46- 61 46- 62 40- 55 45- 65 46- 65 42- 78 43- 80 44- 74	AE AH AH AH AF AF AF AF AF		B B B B B B B B	
" VHi74LVC04NS1 VHi74LVC08NS1 VHi74LVC32NS1 VHi74VHCT04-1 " VHi74VHCT08F1 "	41- 54 45- 62 46- 60 46- 61 46- 62 40- 55 45- 65 46- 65 42- 78 43- 80	AE AH AH AF AF AF AF		B B B B B B B	
" VHi74LVC04NS1 VHi74LVC08NS1 VHi74LVC32NS1 VHi74VHCT04-1 " " VHi74VHCT08F1 " VHi74VHCT240F	41- 54 45- 62 46- 60 46- 61 46- 62 40- 55 45- 65 46- 65 42- 78 43- 80 44- 74 42- 79	AE AH AH AF AF AF AF AF AF AF		B B B B B B B B B B B B B B B B B B B	

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PARTS CODE	NO.	PRICE	NEW	PART	
I AIX I 3 CODE	INO.	RANK	MARK	RANK	
VHi74VHCT244F	43- 82	AH		В	
"	44- 76	AH		В	
VHi74VHCT245F	42- 81	AK		В	
//	43- 83	AK		В	
//	44- 77	AK		В	
VH i AD 9 5 6 1 JR - 1	42- 47	BG		В	
VH i AT 28 C 6 4 B - 1	42- 48	AZ	-	В	
	43- 51	ΑZ		В	
VHiBA033FP/-1	46- 45	AH		В	
VHiD65803GL-1	42- 50	BF		В	
//	43- 53	BF		В	
VHiD65806GL-1	42- 51	BK	-	В	
"	43- 54	BK		В	
//	44- 49	BK		В	
VHiD65808GL-1	42- 52	BM		В	
//	43- 55	BM		В	
//					
	44- 50	BM		В	
VHiD65948GL-1	44- 51	BH		В	
VHiD82113GN-1	42- 53	BX		В	
VHiD82114GN-1	42- 54	ВХ		В	
VHiD82165GC-1		BE			1
	42- 55		 	В	
//	43- 56	BE		В	
VHiD82355GN-1	43- 57	BS	<u></u>	В	
//	44- 52	BS		В	
VH i D82356GN-1	43- 58	BS		В	
			k i		1
VHiD82441GD-1	44- 53	BG	N	В	
VHiD9001MF-H/	42- 56	BK		В	
VHiDS90C031-1	42- 49	AW		В	
VHiDS90C401-1	43- 52	AU		В	
//			 		
	44- 48	AU	<u> </u>	В	
VH i H256-20-8A	40- 42	AY		В	
"	41- 40	AY		В	
//	45- 47	AY		В	
"	46- 47	AY		В	
VHiHD6413003T	40- 40	BA		В	
//	41- 38	BA		В	
<i>"</i>	45- 46	BA		В	
//	46- 46	BA		В	
VH i HG71C254-1	40- 41	AZ	-	В	
//	41- 39	ΑZ		В	
VHiiS61C25612	42- 57	AN		В	
<i>"</i>	43- 59	AN		В	
//	44- 54	AN		В	
VHiiS61C51215	42- 58	AU		В	
"		AU			
	43- 60			В	
"	44- 55	AU		В	
VHiKZ4E038E-1	44- 56	BF	N	В	
VH i LH537C0G-1	42- 59	ВС		В	
"		BC	-		
	43- 61			В	
//	44- 57	BC		В	
VHiLM317MDT-1	45- 48	AK		В	
"	46- 48	AK		В	
VHiLM324NS/-S	40- 43	AC		В	
// // // // // // // // // // // // //		AC			
	41- 41		 	В	
VH i LM339NS/-1	40- 44	AD		В	
"	41- 42	AD	<u></u>	В	
//	42- 60	AD		В	
"	43- 62	AD		В	
"			1		+
	44- 58	AD		В	
//	45- 49	AD		В	
"	46- 49	AD		В	
VHiLM358P//-1	52- 8	AG		В	
VHiLM358PS/-S	45- 50	AC		В	
// // // // // // // // // // // // //			—		1
	46- 50	AC	 	В	
VHiLR3717M/-1	47- 12	AH		В	
VHiLZ9AT36/-1	42- 61	BB		В	
"	43- 63	BB		В	
"	44- 59	BB		В	
			-		1
VH i M5 2 5 6 D V P - 1	46- 52	AQ	<u> </u>	В	
VH i M5 4 5 8 7 F P - 1	45- 53	AK		В	
"	46- 53	AK		В	
VHiM66235FP-1	42- 64	ΑТ		В	
//		AT	 		
	43- 67		 	В	
VH i M66500FP-1	40- 45	AT	<u> </u>	В	
//	41- 43	ΑT		В	
VH i MB 8 6 6 0 4 L - 1	42- 62	ВС		В	
//	43- 65	ВС		В	
//		BC	 		
	44- 60		 	В	
	42- 63	BG	L	В	
VHiMCF5202P25		_			
# WHIMCF5202P25	43- 66	BG		В	
		BG BG		B B	

PARTS CODE	NO.	PRICE		PART	
		RANK	MARK	RANK	
VH i MSM82C55GS VH i NJM78L05UA	46- 51	AS AE		В	
//	45- 54 46- 54	AE		B B	
VH i NJU6356E-1	42- 65	AK		В	
//	43- 68	AK		В	
//	44- 62	AK		В	
VH i PM-2MC//-1	43- 64	BN		В	
VHiPM2060i/-1	44- 63	BP	N	В	
VHiSC908SF2V1	46- 55	AW		В	
VHiSD6416-100	44- 64	BG		В	
VHiSLA7024MT/	40- 46	AS		В	
//	41- 44	AS		В	
VHISLA907FF2L	45- 55	AT		В	
VHiSN74ALS574	42- 66 43- 69	AL AL		B B	
<i>"</i>	44- 65	AL		В	
VHiSN74ALS74N	42- 67	AF		В	
VHiSN74AS74NS	42- 68	AH		В	
//	43- 70	AH		В	
//	44- 66	АН		В	
VHiSN74HC138S	40- 47	ΑE		В	
//	41- 45	ΑE		В	
VHiSN74HC151S	40- 48	AG		В	
//	41- 46	AG		В	
VHiSN74HCT244	45- 56	AF		В	
//	46- 56	AF		В	
VHiSTA401A/-1	40- 49	AP		В	
//	41- 47	AP		В	
VH i STK 67250-1	51- 8	BB	N.I	В	
VHiSTK67260-1 VHiTA7291S/-1	41- 48	AZ AF	N	В	
// // // // // // // // // // // // //	40- 50 41- 49	AF		B B	
VH i TC4051BP-1	52- 9	AQ		В	
VHiTC74AC04FN	42- 70	AD		В	
"	43- 73	AD		В	
//	44- 69	AD		В	
VHiTC74AC08FN	42- 71	ΑE		В	
"	43- 74	ΑE		В	
"	44- 70	ΑE		В	
VHiTC74AC32FN	42- 72	AD		В	
VHiTC74ACT08F	43- 71	AF		В	
"	44- 67	AF		В	
VHiTC74ACT32F	42- 69	AF		В	
<i>"</i>	43- 72	AF		В	
// VH i TD 6 2 0 0 3 A P 1	44- 68	AF AG		В	
// // // // // // // // // // // // //	40- 51 41- 50	AG		B B	
VHiTD62503F/-	42- 73	AG		В	
"	43- 75	AG		В	
//	44- 71	AG		В	
VHiTD62504/-1	51- 9	AG		В	
VHiTD62504F-1	40- 52	AF		В	
//	41- 51	AF		В	
VHiTE7752//-1	40- 53	AX		В	
//	41- 52	AX		В	
VH i XL i 2050X-1	43- 76	BQ		В	
VHPGL3PR8//-1	40- 56	AA		В	
//	41- 55	AA		В	
// VHDCD1 A 2 2 L C = 1	42- 82	AA		В	
VHPGP1A22LC-1	5- 43	AK AK		В	
// VHPGP1A71A1-1	33- 14 23- 25	AG		B B	
VNPGPTA/TAT-T	23- 25 34- 15	AG		В	
"	35- 17	AG		В	
"	71- 24	AG		В	
VHPGP3A38//-1	6- 21	AH		В	
VHPLT1D67A/-1	45- 66	AC		В	
//	46- 66	AC		В	
VHPLT9400E/-1	47- 14	AK		В	
VHPMPG3864K-J	47- 13	AC		В	
//	48- 6	AC		В	
VHPMVR3864K-J	43- 84	AC		В	
//	44- 78	AC		В	
VIIDDD 400' (/ .	52- 10	AE		В	
VHPPD49Pi//-1	11	AZ	N	С	
VHPSLA10310-1	23- 41		1	В	İ
VHPSLA10310-1 VHRS11MD5V/-1	50- 34	AF			
VHPSLA10310-1 VHRS11MD5V/-1 VHRS21MD3V/-1	50- 34 50- 34	ΑE		В	
VHPSLA10310-1 VHRS11MD5V/-1 VHRS21MD3V/-1 VHSTM1641P-LF	50- 34 50- 34 50- 35	AE AQ		B B	
VHPSLA10310-1 VHRS11MD5V/-1 VHRS21MD3V/-1 VHSTM1641P-LF VHSTM1661P-LF	50- 34 50- 34 50- 35 50- 35	AE AQ AQ		B B B	
VHPSLA10310-1 VHRS11MD5V/-1 VHRS21MD3V/-1 VHSTM1641P-LF	50- 34 50- 34 50- 35	AE AQ		B B	

VRD-HT2EY102J	PARTS CODE	NO.	PRICE	NEW	PART	
VRD-HT2EY104J 52-11			RANK	MARK	RANK C	
VRD-HT2EY121J						
VRD-HT2EY303J						
VRD-HTZEY303J						
VRD-HTZEY331J						
VRD-HT2EY471J					С	
" 52-14 AA C VRD-HT2HY242J 40-57 AA C VRD-HT2HY274J 50-36 AA C VRD-HT2HY471J 40-58 AA C VRD-RC2EY103J 40-59 AA C VRD-RC2EY163J 31-59 AA C VRD-RC2EY193J 49-60 AA C VRD-RC2EY392J 40-60 AA C VRD-RC2EX201F 51-13 AA C VRNHTZHK1000F 40-61 AC C VRNRC2EK2700F 51-11 AB C VRNGC2EK2700F 51-11 AB C VRS-HT2HA101J 50-38 AA C VRS-HT2HA101J 50-38 AA C VRS-HT2HA201J 50-39 AA C VRS-HT2HA201J 50-39 AA C VRS-TE3DA100J 40-63 AC C VRS-TE2BD200J 40-63 AC C VRS-TS2AD00QJ						
VRD-HT2HY242J						
VRD-HT2HY274J		-			-	
VRD-HT2HY471J					С	
## 41- 57 ## AA						
VRD-RC2EY103J						
## 49- 7	VRD-RC2EY103J					
VRD-RC2EY163J 51-13 AA C VRD-RC2EY392J 40-60 AA C VRNHT2HK1000F 40-61 AC C VRNHT2HK1000F 51-159 AC C VRNRC2EK2201F 51-10 AA C VRNRC2EK2200F 51-11 AB C VRNRC2EK2200F 51-11 AB C VRNRC2EK2200F 51-12 AA C VRS-H12HA101J 50-38 AA C VRS-H12HA101J 50-39 AA C VRS-H12HA201J 50-39 AA C VRS-H2HA201J 50-39 AA C VRS-H31A470J 40-63 AB C VRS-R31A470J 40-63 AC C VRS-P2BD000J 46-67 AA C VRS-T22BD000J 46-67 AA C VRS-T22AD100J 46-68 AA C VRS-T32AD100J 40-64 AA C VRS-T32AD100J 40-64 AA C VRS-T32AD100J 40-64 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-65 AA C VRS-T32AD100J 40-66 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J 40-67 AA C VRS-T32AD100J AD-67 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD100J AD-68 AA C VRS-T32AD1					_	
VRD-RC2EY392J		-				
VRNHT2HK1000F						
VRNRC2EK2701F 51-10 AA C VRNRC2EK2700F 51-11 AB C VRNRC2EK8200F 51-11 AB C VRS-HT2HA101J 50-38 AA C VRS-HT2HA101J 50-39 AA C VRS-HT2HA121J 50-39 AA C VRS-RE3DA1R0J 40-62 AB C VRS-RE3DA1R0J 40-63 AC C VRS-RE3LA470J 40-63 AC C VRS-TP2BD000J 46-67 AA C VRS-TP2BD000J 46-67 AA C VRS-TS2AD101F 41-63 AB C " 41-62 AA C " 42-83 AA C VRS-TS2AD101F 41-63 AB C VRS-TS2AD101J 40-65 AA C " 42-84 AA C " 43-86 AA C VRS-TS2AD102J 40-66 AA C " 43-86 AA C " 44-80 AA C " 44-80 AA C " 44-80 AA C VRS-TS2AD102J 40-66 AA C " 44-85 AA C " 44-86 AA C " 44-87 AA C VRS-TS2AD103F 40-66 AA C " 44-88 AA C " 44-88 AA C " 44-88 AA C " 44-88 AA C VRS-TS2AD103F 40-66 AA C " 44-86 AA C " 44-86 AA C " 44-87 AA C " 44-88 AA C " 44-89 AA C " 44-89 AA C " 44-89 AA C " 44-89 AA C " 44-80 AA C " 4						
VRNRC2EK2700F VRNRC2EK8200F VRS-HT2HA101J VRS-HT2HA101J S0-38 AA C VRS-HT2HA121J S0-39 AA C VRS-HT2HA201J VRS-HSDA1RDJ 40-62 AB C VRS-RE3DA1RDJ 40-63 AC C VRS-RE3DA1RDJ 40-63 AC C VRS-TP2BD000J 40-64 AA C VRS-TP2BD000J 40-66 AA C VRS-TP2BD000J 40-64 AA C VRS-TP2BD000J 40-64 AA C VRS-TP2BD000J 40-64 AA C C VRS-TP2BD000J 40-64 AA C C VRS-TS2AD100J 40-64 AA C C C C C C C C C C C C C C C C C C						
VRNRC2EK8200F VRS-HT2HA101J VRS-HT2HA101J VRS-HT2HA12J VRS-HT2HA201J VRS-HT2HA201J VRS-RE3DA1R0J VRS-RE3DA1R0J VRS-RE3LA470J VRS-RE3LA470J VRS-RE3LA470J VRS-RE3LA470J VRS-RE3LA470J VRS-RE3LA470J VRS-RE3LA470J VRS-RE3LA470J VRS-TP2BD000J VRS-TP2BD000J VRS-TP2BD000J VRS-TP2BD000J VRS-TP2BD000J VRS-TP2BD000J VRS-TP2BD000J VRS-TS2AD000J VRS-TS2AD100J VRS-TS2AD101F VRS-TS2AD101F VRS-TS2AD101F VRS-TS2AD101J VRS-TS2AD102J VRS-TS2AD103F VRS-TS2AD103F VRS-TS2AD103F VRS-TS2AD103F VRS-TS2AD103J VRS-TS2AD103F VRS						
VRS-HT2HA101J 50-38 AA C VRS-HT2HA101J 50-39 AA C VRS-RE3DA1R0J 40-62 AB C VRS-RE3DA1R0J 40-62 AB C VRS-RE3LA470J 40-63 AC C WS-TP2BD000J 46-67 AA C VRS-TP2BD07JJ 45-68 AA C VRS-TS2AD000J 40-64 AA C " 46-68 AA C " 42-83 AA C " 42-83 AA C " 43-85 AA C " 43-85 AA C VRS-TS2AD101F 41-63 AB C VRS-TS2AD101J 40-65 AA C " 41-64 AA C " 41-64 AA C " 42-84 AA C " 41-65 AA C " <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td>					_	
VRS-HT2HA201J 50-39 AA C VRS-RE3DA1R0J 40-62 AB C " 41-60 AB C VRS-RE3LA470J 40-63 AC C VRS-TP2BD000J 46-67 AA C VRS-TP2BD271J 45-68 AA C VRS-TS2AD000J 40-64 AA C VRS-TS2AD000J 40-64 AA C " 41-61 AA C VRS-TS2AD101J 40-62 AA C " 42-83 AA C " 44-79 AA C VRS-TS2AD101F 41-63 AB C VRS-TS2AD101J 40-65 AA C " 42-84 AA C " 42-84 AA C " 43-86 AA C VRS-TS2AD102J 40-66 AA C " 42-84 AA C " 42-84 AA C VRS-TS2AD103J 40-66 AA C " 44-80 AA C " 42-84 AA C " 42-84 AA C " 42-84 AA C " 42-84 AA C " 42-84 AA C " 42-84 AA C " 42-84 AA C " 43-86 AA C " 44-80 AA C VRS-TS2AD103J 40-66 AA C " 44-80 AA C VRS-TS2AD103F 40-67 AA C " 44-81 AA C " 44-81 AA C " 42-83 AA C " 44-84 AA C " 44-84 AA C " 44-85 AA C " 44-80 AA C " 44-80 AA C VRS-TS2AD103F 40-67 AA C " 44-81 AA C " 44-81 AA C " 44-82 AA C " 44-83 AA C " 44-84 AA C " 44-84 AA C " 44-84 AA C " 44-84 AA C " 44-84 AA C " 44-84 AA C " 44-84 AA C " 44-84 AA C " 44-85 AA C " 44-86 AA C " 44-86 AA C " 44-86 AA C " 44-86 AA C " 44-86 AA C " 44-86 AA C " 44-86 AA C " 44-87 AA C VRS-TS2AD103J 40-68 AA C " 44-87 AA C " 44-88 AA C " 44-80 AA C " 44-80 AA C VRS-TS2AD103J 40-68 AA C " 44-80 AA	VRS-HT2HA101J		AA			
VRS-RE3DA1R0J 40-62 AB C "WS-RE3LA470J 40-63 AC C "WS-RE3LA470J 40-63 AC C "WS-TP2BD000J 46-67 AA C VRS-TP2BD271J 45-68 AA C "WS-TS2AD000J 40-64 AA C " 41-62 AA C " 42-83 AA C " 43-85 AA C " 43-85 AA C " 44-79 AA C " 44-79 AA C VRS-TS2AD101F 41-64 AA C " 41-64 AA C " 41-64 AA C " 42-84 AA C " 42-84 AA C " 43-87 AA C " 43-87 AA C " 43-87 <						
" 41- 60 AB C VRS-RE3LA470J 40- 63 AC C " 41- 61 AC C VRS-TP2BD000J 46- 67 AA C VRS-TP2BD271J 45- 68 AA C " 46- 68 AA C " 41- 62 AA C " 41- 62 AA C " 42- 83 AA C " 42- 83 AA C " 42- 83 AA C " 44- 79 AA C " 44- 69 AA C VRS-TS2AD101F 41- 63 AB C VRS-TS2AD102J 40- 65 AA C " 41- 64 AA C " 41- 64 AA C " 42- 84 AA C " 41- 65 AA C " 41- 65 A						
VRS-RE3LA470J						
VRS-TP2BD271J 46-67 AA C VRS-TP2BD271J 45-68 AA C " 46-68 AA C VRS-TS2AD000J 40-64 AA C " 41-62 AA C " 42-83 AA C " 43-85 AA C " 44-79 AA C " 44-79 AA C " 44-80 AA C VRS-TS2AD101J 40-65 AA C " 41-63 AB C " 41-64 AA C " 41-64 AA C " 41-65 AA C " 44-80 AA C " 44-80 AA C " 44-85 AA C " 44-85 AA C " 42-85 AA C </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
VRS-TP2BD271J 45- 68 AA C " 46- 68 AA C VRS-TS2AD000J 40- 64 AA C " 41- 62 AA C " 42- 83 AA C " 42- 83 AA C " 44- 79 AA C " 46- 69 AA C VRS-TS2AD101F 41- 63 AB C VRS-TS2AD101J 40- 65 AA C " 41- 64 AA C " 42- 84 AA C " 43- 86 AA C " 44- 80 AA C " 44- 80 AA C " 41- 65 AA C " 42- 85 AA C " 43- 87 AA C " 43- 87 AA C " 45- 70 AA						
WRS-TS2AD000J 40-64 AA C " 41-62 AA C " 42-83 AA C " 43-85 AA C " 44-79 AA C " 46-69 AA C VRS-TS2AD101J 40-65 AA C " 41-64 AA C " 42-84 AA C " 43-86 AA C " 43-86 AA C " 43-87 AA C " 44-80 AA C " 41-65 AA C " 42-85 AA C " 44-81 AA C " 45-70 AA C </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
VRS-TS2AD000J 40-64 AA C " 41-62 AA C " 42-83 AA C " 43-85 AA C " 44-79 AA C VRS-TS2AD101F 41-63 AB C VRS-TS2AD101J 40-65 AA C " 41-64 AA C " 42-84 AA C " 42-84 AA C " 43-86 AA C " 43-86 AA C " 42-85 AA C " 42-85 AA C " 41-65 AA C " 42-85 AA C " 43-87 AA C " 44-81 AA C " 44-66 AA C " 45-70 AA C						
## 42- 83 ## AA	VRS-TS2AD000J					
## 43-85 AA C ## 44-79 AA C ## 44-79 AA C ## 44-79 AA C ## 44-79 AA C ## 44-79 AA C ## 45-69 AA C ## 45-70 AA C ## 7 40-70 AA C ## 7 4						
## 44- 79 AA C ## 46- 69 AA C VRS-TS2AD101F 41- 63 AB C VRS-TS2AD101J 40- 65 AA C ## 41- 64 AA C ## 42- 84 AA C ## 43- 86 AA C ## 44- 80 AA C VRS-TS2AD102J 40- 66 AA C ## 41- 65 AA C ## 42- 85 AA C ## 43- 87 AA C ## 43- 87 AA C ## 45- 70 AA C ## 46- 70 AA C ## 41- 67 AA C ## 42- 86 AA C ## 43- 88 AA C ## 44- 80 AA C VRS-TS2AD103J 40- 68 AA C ## 45- 70 AA C ## 45- 70 AA C ## 46- 70 AA C ## 41- 67 AA C ## 42- 86 AA C ## 43- 88 AA C ## 44- 82 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 71 AA C ## 45- 72 AA C ## 45- 73 AA C ## 45- 73 AA C ## 45- 73 AA C ## 45- 73 AA C ## 45- 73 AA C ## 45- 74 AA C ## 46-					_	
## ## ## ## ## ## ## ## ## ## ## ## ##						
VRS-TS2AD101J 40-65 AA C " 41-64 AA C " 42-84 AA C " 43-86 AA C " 44-80 AA C VRS-TS2AD102J 40-66 AA C " 41-65 AA C " 42-85 AA C " 43-87 AA C " 43-87 AA C " 43-87 AA C " 41-66 AA C " 45-70 AA C " 46-70 AA C " 46-70 AA C " 41-67 AA C " 42-86 AA C " 43-88 AA C " 44-82 AA C " 45-71 AA C <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
" 41- 64 AA C " 42- 84 AA C " 43- 86 AA C " 44- 80 AA C VRS-TS2AD102J 40- 66 AA C " 41- 65 AA C " 42- 85 AA C " 43- 87 AA C " 44- 81 AA C " 44- 81 AA C " 44- 81 AA C " 45- 70 AA C " 45- 70 AA C " 46- 70 AA C " 41- 67 AA C " 41- 67 AA C " 42- 86 AA C " 43- 88 AA C " 45- 71 AA C " 45- 71 AA C VRS-TS2AD104J 40- 69 AA C " 45- 72 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
" 42- 84 AA C " 43- 86 AA C " 44- 80 AA C VRS-TS2AD102J 40- 66 AA C " 41- 65 AA C " 42- 85 AA C " 43- 87 AA C " 43- 87 AA C " 44- 81 AA C VRS-TS2AD103F 40- 67 AA C " 45- 70 AA C " 46- 70 AA C VRS-TS2AD103J 40- 68 AA C " 42- 86 AA C " 42- 86 AA C " 43- 88 AA C " 46- 71 AA C " 45- 71 AA C " 46- 71 AA C " 45- 71 AA C " 45- 72 AA C " 45- 72 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
" 43-86 AA C " 44-80 AA C VRS-TS2AD102J 40-66 AA C " 41-65 AA C " 42-85 AA C " 43-87 AA C " 44-81 AA C " 44-81 AA C " 44-81 AA C " 44-81 AA C " 44-66 AA C " 45-70 AA C " 46-70 AA C " 46-70 AA C " 41-67 AA C " 41-67 AA C " 42-86 AA C " 44-82 AA C " 44-82 AA C " 45-71 AA C VRS-TS2AD104J 40-69 AA C " 42-87 AA C </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
VRS-TS2AD102J	"				_	
" 41- 65 AA C " 42- 85 AA C " 43- 87 AA C " 44- 81 AA C VRS-TS2AD103F 40- 67 AA C " 41- 66 AA C " 45- 70 AA C " 46- 70 AA C " 41- 67 AA C " 41- 67 AA C " 42- 86 AA C " 43- 88 AA C " 43- 88 AA C " 45- 71 AA C " 45- 71 AA C VRS-TS2AD104J 40- 69 AA C VRS-TS2AD105J 42- 87 AA C " 45- 72 AA C " 45- 72 AA C " 46- 72 AA C " 45- 72 AA C " 42- 88 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
" 42-85 AA C " 43-87 AA C " 44-81 AA C VRS-TS2AD103F 40-67 AA C " 41-66 AA C " 45-70 AA C " 46-70 AA C " 41-67 AA C " 41-67 AA C " 41-67 AA C " 42-86 AA C " 43-88 AA C " 44-82 AA C " 45-71 AA C VRS-TS2AD104J 40-69 AA C VRS-TS2AD105J 42-87 AA C " 43-89 AA C " 45-72 AA C " 46-72 AA C " 46-72 AA C " 42-88 AA C " 42-88 AA						
" 43-87 AA C " 44-81 AA C VRS-TS2AD103F 40-67 AA C " 41-66 AA C " 45-70 AA C " 46-70 AA C VRS-TS2AD103J 40-68 AA C " 41-67 AA C " 42-86 AA C " 43-88 AA C " 44-82 AA C " 45-71 AA C " 46-71 AA C VRS-TS2AD104J 40-69 AA C VRS-TS2AD105J 42-87 AA C " 43-89 AA C " 45-72 AA C VRS-TS2AD122J 40-70 AA C " 42-88 AA C " 42-88 AA C " 42-88 AA C " 42-88<	"				C	
VRS-TS2AD103F	"				C	
" 41-66 AA C " 45-70 AA C " 46-70 AA C VRS-TS2AD103J 40-68 AA C " 41-67 AA C " 42-86 AA C " 42-86 AA C " 43-88 AA C " 44-82 AA C " 45-71 AA C " 46-71 AA C VRS-TS2AD104J 40-69 AA C " 41-68 AA C VRS-TS2AD105J 42-87 AA C " 43-89 AA C " 45-72 AA C " 46-72 AA C VRS-TS2AD12J 40-70 AA C " 42-88 AA C " 42-88 AA C " 44-83 AA C " 44-83 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
" 45- 70 AA C " 46- 70 AA C VRS-TS2AD103J 40- 68 AA C " 41- 67 AA C " 42- 86 AA C " 43- 88 AA C " 43- 88 AA C " 45- 71 AA C " 46- 71 AA C VRS-TS2AD104J 40- 69 AA C VRS-TS2AD105J 42- 87 AA C " 43- 89 AA C " 45- 72 AA C " 46- 72 AA C VRS-TS2AD122J 40- 70 AA C " 42- 88 AA C " 43- 90 AA C " 44- 83 AA C " 45- 73 AA C " 46- 74 AA C " 46- 74 AA C " <						
" 46- 70 AA C VRS-TS2AD103J 40- 68 AA C " 41- 67 AA C " 42- 86 AA C " 43- 88 AA C " 44- 82 AA C " 45- 71 AA C " 46- 71 AA C VRS-TS2AD104J 40- 69 AA C VRS-TS2AD105J 42- 87 AA C " 43- 89 AA C " 45- 72 AA C " 46- 72 AA C VRS-TS2AD122J 40- 70 AA C " 42- 88 AA C " 42- 88 AA C " 42- 88 AA C " 43- 90 AA C " 45- 73 AA C " 46- 73 AA C VRS-TS2AD123F 45- 74 AA C VR						
" 41- 67 AA C " 42- 86 AA C " 43- 88 AA C " 44- 82 AA C " 45- 71 AA C " 46- 71 AA C VRS-TS2AD104J 40- 69 AA C " 41- 68 AA C VRS-TS2AD105J 42- 87 AA C " 43- 89 AA C " 45- 72 AA C VRS-TS2AD122J 40- 70 AA C VRS-TS2AD122J 40- 70 AA C " 41- 69 AA C " 42- 88 AA C " 43- 90 AA C " 44- 83 AA C " 45- 73 AA C VRS-TS2AD123F 45- 74 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
" 42-86 AA C " 43-88 AA C " 44-82 AA C " 45-71 AA C " 46-71 AA C VRS-TS2AD104J 40-69 AA C " 41-68 AA C " 43-89 AA C " 45-72 AA C " 46-72 AA C VRS-TS2AD122J 40-70 AA C " 41-69 AA C " 42-88 AA C " 43-90 AA C " 44-83 AA C " 45-73 AA C VRS-TS2AD123F 45-74 AA C VRS-TS2AD133F 40-71 AA C VRS-TS2AD133F 40-71 AA C						
## 43-88 AA CC ## 44-82 AA CC ## 45-71 AA CC ## 46-71 AA CC VRS-TS2AD104J 40-69 AA CC ## 41-68 AA CC VRS-TS2AD105J 42-87 AA CC ## 45-72 AA CC ## 45-72 AA CC ## 46-72 AA CC VRS-TS2AD122J 40-70 AA CC ## 41-69 AA CC ## 42-88 AA CC ## 42-88 AA CC ## 43-90 AA CC ## 43-90 AA CC ## 44-83 AA CC ## 45-73 AA CC VRS-TS2AD123F 45-74 AA CC VRS-TS2AD123F 45-74 AA CC ## 46-74 AA CC VRS-TS2AD133F 40-71 AA CC VRS-TS2AD133F 40-71 AA CC VRS-TS2AD133F 40-71 AA CC ## 41-70 AA CC						
" 44-82 AA C " 45-71 AA C " 46-71 AA C VRS-TS2AD104J 40-69 AA C " 41-68 AA C VRS-TS2AD105J 42-87 AA C " 43-89 AA C " 45-72 AA C " 46-72 AA C VRS-TS2AD122J 40-70 AA C " 41-69 AA C " 42-88 AA C " 43-90 AA C " 44-83 AA C " 45-73 AA C VRS-TS2AD123F 45-74 AA C VRS-TS2AD133F 40-71 AA C VRS-TS2AD133F 40-71 AA C VRS-TS2AD133F 40-71 AA C						
## 46-71 AA C VRS-TS2AD104J 40-69 AA C ## 41-68 AA C VRS-TS2AD105J 42-87 AA C ## 43-89 AA C ## 45-72 AA C VRS-TS2AD122J 40-70 AA C ## 42-88 AA C ## 42-88 AA C ## 43-90 AA C ## 43-90 AA C ## 44-83 AA C ## 45-73 AA C VRS-TS2AD123F 45-74 AA C VRS-TS2AD123F 45-74 AA C ## 46-74 AA C VRS-TS2AD133F 40-71 AA C VRS-TS2AD133F 40-71 AA C ## 41-70 AA C			AA			
VRS-TS2AD104J						
" 41- 68 AA C VRS-TS2AD105J 42- 87 AA C " 43- 89 AA C " 45- 72 AA C " 46- 72 AA C VRS-TS2AD122J 40- 70 AA C " 41- 69 AA C " 42- 88 AA C " 43- 90 AA C " 44- 83 AA C " 45- 73 AA C VRS-TS2AD123F 45- 74 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C						
VRS-TS2AD105J						
" 45- 72 AA C " 46- 72 AA C VRS-TS2AD122J 40- 70 AA C " 41- 69 AA C " 42- 88 AA C " 43- 90 AA C " 44- 83 AA C " 45- 73 AA C " 46- 73 AA C VRS-TS2AD123F 45- 74 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C		42- 87				
" 46- 72 AA C VRS-TS2AD122J 40- 70 AA C " 41- 69 AA C " 42- 88 AA C " 43- 90 AA C " 44- 83 AA C " 45- 73 AA C " 46- 73 AA C VRS-TS2AD123F 45- 74 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C						
VRS-TS2AD122J						
" 41- 69 AA C " 42- 88 AA C " 43- 90 AA C " 44- 83 AA C " 45- 73 AA C " 46- 73 AA C VRS-TS2AD123F 45- 74 AA C VRS-TS2AD133F 40- 71 AA C VRS-TS2AD133F 40- 71 AA C " 41- 70 AA C						
" 43-90 AA C " 44-83 AA C " 45-73 AA C " 46-73 AA C VRS-TS2AD123F 45-74 AA C " 46-74 AA C VRS-TS2AD133F 40-71 AA C VRS-TS2AD133F 40-71 AA C	//		AA			
## 44-83 AA C ## 44-83 AA C ## 45-73 AA C ## 46-73 AA C VRS-TS2AD123F 45-74 AA C ## 46-74 AA C VRS-TS2AD133F 40-71 AA C ## 41-70 AA C						
" 45- 73 AA C " 46- 73 AA C VRS-TS2AD123F 45- 74 AA C " 46- 74 AA C VRS-TS2AD133F 40- 71 AA C " 41- 70 AA C						
" 46- 73 AA C VRS-TS2AD123F 45- 74 AA C " 46- 74 AA C VRS-TS2AD133F 40- 71 AA C " 41- 70 AA C						
" 46- 74 AA C VRS-TS2AD133F 40- 71 AA C " 41- 70 AA C		46- 73	AA			
VRS-TS2AD133F						
" 41- 70 AA C						
	VRS-TS2AD151J				_	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
VRS-TS2AD151J	41- 71	AA		С	_
//	42- 89	AA		С	
//	43- 91	AA		С	
"	44- 84	AA		С	
<u>"</u>	45- 75	AA		С	
//	46- 75	AA		С	
VRS-TS2AD152F	40- 73	AA		С	
//	41- 72	AA		С	
VRS-TS2AD152J	40- 74	AA		С	
VRS-TS2AD153F	41- 73	AA		С	
// // // // // // // // // // // // //	40- 75 41- 74	AA		C	
<i>"</i>	44- 85	AA		C	
VRS-TS2AD154F	45- 76	AA		C	
//	46- 76	AA		C	
VRS-TS2AD162J	40- 76	AA		C	
VRS-TS2AD183F	45- 77	AA		C	
"	46- 77	AA		C	
VRS-TS2AD183J	45- 78	AA		C	
"	46- 78	AA		C	
VRS-TS2AD200J	42- 90	AA		C	
"	43- 92	AA		C	
VRS-TS2AD202J	45- 79	AA		C	
"	46- 79	AA		C	
VRS-TS2AD203F	44- 86	AA		C	
VRS-TS2AD203J	40- 77	AA		C	
//	41- 75	AA		C	
//	45- 80	AA		С	
//	46- 80	AA		С	_
VRS-TS2AD220J	44- 87	AA		С	_
VRS-TS2AD221J	42- 91	AA		С	
"	43- 93	AA		С	
VRS-TS2AD222J	40- 78	AA		С	
"	41- 76	AA		С	
"	42- 92	AA		С	
"	43- 94	AA		С	
"	44- 88	AA		С	
"	45- 81	AA		С	
"	46- 81	AA		С	
VRS-TS2AD223J	42- 93	AA		С	
//	43- 95	AA		С	
//	44- 89	AA		С	
VRS-TS2AD224J	42- 94	AA		С	
<u>"</u>	43- 96	AA		C	
	44- 90	A A		С	
VRS-TS2AD242J	40- 79 41- 77	AA		C	
VRS-TS2AD272J	45- 82	AA		C	
// // // // // // // // // // // // //	46- 82	AA		C	
VRS-TS2AD301F	41- 78	AA			
//	45- 83	AA		C	
	46- 83	AA		C	
VRS-TS2AD301J	42- 95	AA		C	
//	43- 97	AA		C	
//	44- 91	AA		C	
VRS-TS2AD303J	45- 84	AA		C	
//	46- 84	AA		C	
VRS-TS2AD304F	45- 85	AA		C	
//	46- 85	AA		C	
VRS-TS2AD304J	40- 80	AA		C	
//	41- 80	AA		C	
VRS-TS2AD330J	40- 81	AA		C	
//	41- 81	AA		Č	
//	44- 92	AA		C	
VRS-TS2AD331J	43- 99	AA		С	
VRS-TS2AD333J	45- 86	AA		С	
//	46- 86	AA		С	
VRS-TS2AD334J	45- 87	AA		С	
//	46- 87	AA		С	
VRS-TS2AD363F	45- 88	AA		С	
//	46- 88	AA		С	
VRS-TS2AD363J	42- 96	AA		С	
//	43- 98	AA		С	
"	44- 93	AA		С	
VRS-TS2AD391J	40- 82	AA		С	
//	41- 82	AA		С	
//	42- 97	AA		С	
//	43-100	AA		С	
//	44- 94	AA		С	
VRS-TS2AD392F	40- 83	AA		С	
//	41- 83	AA		С	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
VRS-TS2AD392F	44- 95	AA		С	
VRS-TS2AD393J	42- 98	AA		С	
	43-101	AA		С	
VRS-TS2AD471J	44- 96 40- 84	AA AA		C	
//	41- 84	AA		С	
VRS-TS2AD472F	40- 85	AA		C	
//	41- 85	AA		С	
//	44- 97	AA		С	
VRS-TS2AD472J	40- 86	AA		С	
<i>"</i>	41- 86 42- 99	AA AA		CO	
"	43-102	AA		C	
"	44- 98	AA		C	
VRS-TS2AD473F	40- 87	AA		С	
//	41- 87	AA		С	
VRS-TS2AD473J	40- 88	AA		С	
<i>"</i>	41- 88 45- 89	AA AA		C	
"	46- 89	AA		С	
VRS-TS2AD514J	40- 89	AG		C	
"	41- 89	AG		С	
VRS-TS2AD562J	40- 90	AA		С	
//	41- 90	AA		С	
"	42-100	AA		С	
<i>"</i>	43-103 44- 99	AA AA		C	
VRS-TS2AD564F	45- 90	AC		C	
// // // // // // // // // // // // //	46- 90	AC		С	
VRS-TS2AD621J	40- 91	AA		C	
//	41- 91	AA		С	
VRS-TS2AD622F	45- 91	AA		С	
//	46- 91	AA		С	
VRS-TS2AD623J	45- 92 46- 92	AA AA		C	
VRS-TS2AD624J	45- 93	AA		C	
"	46- 93	AA		C	
VRS-TS2AD681F	40- 92	AA		С	
//	41- 92	AA		С	
VRS-TS2AD681J	40- 93	AA		С	
VRS-TS2AD683J	41- 93	AA		С	
// // // // // // // // // // // // //	42-101 43-104	AA		C	
//	44-100	AA		C	
VRS-TS2AD750F	44-101	AA		С	
VRS-TS2AD752F	45- 94	AA		С	
//	46- 94	AA		С	
VRS-TS2AD752J	45- 95	AA		С	
VRS-TS2AD753F	46- 95 45- 96	AA		C	
// // // // // // // // // // // // //	46- 96	AA		C	
VRS-TS2AD820J	42-102	AA		C	
//	43-105	AA		С	
//	44-102	AA		C	
VRS-TS2AD822J	40- 94	AA		С	
VRS-TS2AD911J	41- 94 40- 95	AA AA		C	
// // // // // // // // // // // // //	41- 95	AA		C	
"	42-103	AA		C	
"	43-106	AA		С	
//	44-103	AA		С	
VRS-TS2AD913J	42-104	AA		С	
<i>"</i>	43-107	AA AA		C	
VRS-TW2ED221J	44-104 42-105	AA		C	
// // // // // // // // // // // // //	43-108	AA		С	
"	44-105	AA		C	
VRS-TW2ED331J	42-106	AA		С	
//	43-109	AA		С	
// VDC_TW0ED5601	44-106	AA		С	
VRS-TW2ED560J	45- 97	AA AA		С	
VRS-TW2ED911J	46- 97 45- 98	AB		C	
// // // // // // // // // // // // //	46- 98	AB		С	
VRS-TX2HD470J	45- 99	AA		С	
//	46- 99	AA		С	
VRSTS2AD2940F	43-110	AA		C	
VRSTS2AD3570F	43-111	AA		С	
VRSTS2AD4020F VS2SB1132-R-1	42-107 40- 98	AA AE		C B	
VS2SB1132-K-1	45-105	AC		В	
					ı

PARTS CODE	NO.	PRICE	NEW	PART	
VS2SB1197//-1		RANK AC	MARK	RANK	
VS2SB1197//-1	46-105	AC		B B	
//	45-106 46-106	AC		В	
VS2SC2412K/-1	40- 99	AB		В	
"	41- 99	AB		В	
VS2SC3332-/-1	49- 8	AE		В	
VS2SC945///-1	40-100	AD		В	
"	41-100	AD		В	
VS2SD1782K/-1	45-107	AC		В	
"	46-107	AC		В	
VSDTA114YK/-1	42-108	AC		В	
//	43-112	AC		В	
"	44-107	AC		В	
"	45-100	AC		В	
"	46-100	AC		В	
VSDTA123YK/-1	40- 96	AB		В	
"	41- 96	AB		В	
VSDTC114EK/-1	42-109	AB		В	
//	43-112	AB		В	
//	44-108	AB		В	
VSDTC114YK/-1	40- 97	AC		В	
"	41- 97	AC		В	
"	42-110	AC		В	
"	43-113	AC		В	
"	44-109	AC		В	
"	45-101	AC		В	
// VCDTC114VC / 1	46-101	AC		В	
VSDTC114YS/-1	47- 19	AB		В	
VSDTC124XK/-1	42-111	AB AB		В	
	43-114	AB		В	
VSiMB9AT110-1	44-110	AC		B B	
VSTWID9ATTTO T	45-102 46-102	AC		В	
VSiMH9AT110-1	45-102	AC		В	
//	46-103	AC		В	
VSUPA502T//-1	45-104	AD		В	
// // // // // // // // // // // // //	46-104	AD		В	
VVLLM400031-1	3- 5	BY		В	
[X]	0 0				
XBBS240P08000	13- 2	AB		С	
"	13- 53	AB		Č	
XBBSD30P04000	33- 23	AA		C	
XBBSD30P06000	16- 7	AA		С	
XBBSD40P06000	5- 2	AA		С	
"	5- 75	AA		С	
"	5- 88	AA		С	
"	9- 74	AA		С	
"	10- 70	AA		С	
"	17- 6	AA		С	
XBBSD40P08000	18- 59	AA		С	
XBBSD40P10000	5- 44	AA		С	
"	6- 4	AA		С	
"	14- 52	AA		С	
//	38- 28	AA		С	
XBBSD40P12000	29- 22	AA		С	
<i>"</i>	33- 16	AA		С	
XBBSD40P20000	36- 13	A A		C	
XBBSD40P20000 XBBSD50P16000	9- 75 9- 34	AB		C	
XBPBW30P06KS0	9- 34 15- 1	AC		C	
XBPS230P04000	36- 2	AA		C	
XBPS240P06000	13- 3	AA		C	
XBPSD20P03000	25- 12	AA		C	
XBPSD30P04000	16- 4	AA		С	
//	31- 2	AA		C	
XBPSD30P05000	7- 25	AA		C	
XBPSD30P06000	5- 46	AA		C	
//	25- 1	AA		C	
//	37- 7	AA		C	
XBPSD30P06KS0	4- 6	AA		С	
//	7- 27	AA		С	
//	17- 8	AA		С	
//	18- 26	AA		С	
//	68- 8	AA		С	
//	69- 40	AA		С	
XBPSD30P08000	70- 3	AA		С	
XBPSD30P08KS0	15- 6	AA		С	
"	16- 43	AA		С	
//	17- 12	AA		С	
XBPSD30P10K00	19- 4	AA		С	
	50- 42	AA	l	С	ĺ

PARTS CODE	NO.	PRICE	NEW	PART	
	NO.	RANK	MARK	RANK	
XBPSD30P10KS0	16- 1	AB		С	
XBPSD30P14000	11- 60	AA		С	
XBPSD30P18KS0	9- 4	AA		С	
XBPSD30P30K00	18- 37	AA		С	
XBPSD40P06000	6- 22	AA		С	
// VPDCD40B06K00	10- 13	A A		С	
XBPSD40P06K00	6- 24	AA		С	
XBPSD40P08KS0	11- 19 9- 12	AA		C	
//	11- 22	AA		C	
"	24- 36	AA		С	
"	27- 4	AA		C	
"	33- 20	AA		C	
"	38- 19	AA		C	
XBPSD40P12KS0	23- 31	AA		C	
XBPSD40P14000	5- 7	AA		C	
XBPSD40P14K00	12- 11	AA		C	
XBPSD40P20000	18- 22	AA		C	
XBPSD40P20XS0	11- 27	AA		С	
XBPSD40P25XS0	11- 27	AΑ		С	
XBPSD40P27000	36- 4	AA		С	
XBPSD40P30000	9- 50	AA		C	
XBPSE25P08000	10- 71	AA		С	
XBSSE30P10000	1- 36	AA		С	
XBTSC50P16000	4- 25	AA		С	
XBTSE40P04000	1- 32	AA		С	
XCPSD20P05000	13- 41	AA		C	
XEBSD30P06000	10- 53	AA		С	
//	21- 7	AA		С	
//	35- 7	AA		С	
XEBSD30P08000	9- 80	AA		С	
"	13- 18	AA		С	
"	15- 4	AA		С	
"	34- 27	AA		С	
"	38- 8	AA		С	
//	69- 8	AA		С	
//	70- 15	AA		С	
XEBSD30P10000	9- 42	AA		С	
"	13- 32	AA		С	
<i>"</i>	17- 16	AA		С	
XEBSD30P12000	21- 11	A A		С	
//	21- 19	AA		С	
"	34- 22 38- 3	AA		C	
XEBSD30P16000	9- 40	AA		C	
XEBSD40P06000	6- 44	AA		C	
XEBSD40P08000	1- 8	AA		C	
//	13- 5	AA		C	
"	18- 28	AA		C	
"	19- 29	AA		C	
//	33- 24	AA		C	
//	38- 21	AA		C	
//	70- 6	AA		C	
XEBSD40P10000	20- 10	AA		C	
//	34- 31	AA		C	
XEBSD40P12000	20- 16	AA		C	
//	23- 18	AA		С	
//	32- 20	AA		С	
//	68- 10	AA		С	
//	69- 28	AA		С	
//	70- 16	AA		С	
XEBSD40P16000	9- 63	AA		С	
XEBSE30P08000	35- 4	AA		С	
//	35- 24	AA		С	
XEBSE40P08000	1- 38	AA		С	
XEBSE40P14000	9- 71	AA		С	
XEBSF30P05000	7- 26	AA		С	
XEBSF30P06000	7- 23	AA		С	
XEBSF30P08000	14- 6	AA		С	
XEPSD30P05000	4- 11	A A		С	
XEPSD30P06000 //	3- 21	AA		C	
<i>"</i>	13- 8 36- 5	AA		C	
"	37- 11	AA		С	
XEPSD30P08000	3- 3	AA		C	
//	4- 13	AA		C	
"	13- 14	AA		С	
XEPSD30P08X00	69- 42	AA		С	
XEPSD30P14X00	19- 1	AA		C	
XEPSD30P16000	3- 11	AA		C	
XEPSD40P06000	8- 6	AA		C	

	I	DDIOE	NIEVA	DADT	I
PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
XEPSD40P08000	13- 46	AA		С	
//	22- 52	AA		С	
XEPSD40P10000	69- 20	A A		C	
XEPSD40P30000	71- 3 10- 8	AA		C	
//	11- 8	AA		C	
XEPSD40P35000	9- 56	AA		С	
//	23- 22	AA		С	
XEPSE40P10000 XESSE30P08000	20- 20 2- 7	A A		C	
XHBSD30P05000	18- 40	AA		С	
XHBSD30P06000	7- 2	AA		Č	
//	18- 45	AA		С	
<i>"</i>	25- 7	A A		С	
"	28- 13 31- 12	AA		C	
"	32- 6	AA		C	
XHBSD30P08000	5- 41	AA		С	
"	7- 24	AA		С	
<i>"</i>	8- 5 22- 20	A A		C	
//	24- 35	AA		C	
XHBSD40P08000	5- 23	AA		C	
"	6- 26	AA		С	
<i>"</i>	12- 16	AA		С	
//	22- 17 23- 16	AA		C	
"	27- 3	AA		C	
//	29- 21	AA		С	
"	68- 18	AA		С	
<i>"</i>	69- 15	A A		С	
XHBSD40P16000	71- 4 22- 53	AA		C	
XHBSE30P06000	1- 47	AA		C	
//	2- 47	AA		С	
// VUDOE 4 0 D 0 0 0 0 0	11- 41	AA		С	
XHBSE40P06000 XHBSE40P08000	6- 53 1- 2	AA		C	
//	2- 2	AA		C	
"	5- 3	AA		C	
//	5- 63	AA		С	
<i>"</i>	6- 37	A A		С	
"	9- 1 9- 66	AA		C	
"	10- 1	AA		C	
"	10- 45	AA		С	
<u>"</u>	11- 1	A A		С	
"	11- 45 11- 66	AA		C	
//	12- 1	AA		C	
//	17- 51	AA		С	
//	18- 18	AA		C	
<i>"</i>	21- 25 22- 51	A A		C	
<i>"</i>	23- 39	AA		C	
//	24- 4	AA		C	
"	25- 8	AA		С	
<i>"</i>	30- 14	A A		С	
"	31- 3 32- 1	AA		C	
//	33- 11	AA		C	
//	34- 43	AA		С	
XHBSE40P10000	1- 27	AA		С	
// XHBSE40P14000	19- 31 9- 70	A A		C	
XHPSD30P14000	18- 24	AA		C	
XJBSD40P12000	1- 43	AA		Č	
XNESD40-32000	5- 5	AA		С	
XPSSJ20-12000 XPSSJ20-15000	32- 12 34- 40	A A		C	
XRESP20-03000	30- 6	AA		C	
XRESP20-04000	55- 39	AA		C	
//	68- 27	AA		С	
XRESP25-04000	32- 27	AA		С	
XRESP30-04000 XRESP30-05000	71- 32 19- 9	A A		C	
//	21- 22	AA		C	
"	22- 28	AA		C	
"	32- 7	AA		С	
// VDESD30=06000	57- 61	AA		С	
XRESP30-06000	4- 3	AA		С	

PARTS CODE	NO.	PRICE		PART	
XRESP40-06000	13- 28	RANK A A	MARK	RANK C	
//	14- 19	AA		C	
//	15- 15	AA		C	
"	19- 7	AA		С	
<u>"</u>	20- 11	AA		С	
<i>"</i>	24- 37	AA AA		C	
"	25- 13 30- 9	AA		C	
//	31- 28	AA		C	
//	33- 1	AA		С	
<i>"</i>	34- 48	AA		С	
<i>"</i>	57- 97 58- 49	AA AA		C	
"	69- 10	AA		C	
//	69- 31	AA		C	
"	71- 5	AA		С	
XRESP50-06000	13- 45	AA		С	
<i>"</i>	15- 8	AA		С	
<i>"</i>	16- 13 17- 18	AA AA		C	
"	18- 2	AA		C	
"	19- 11	AA		C	
//	20- 1	AA		С	
//	22- 7	AA		С	
<i>"</i>	23- 11	AA AA		С	
"	26- 7 28- 7	AA		C	
<i>"</i>	29- 1	AA		С	
"	31- 6	AA		С	
"	32- 13	AA		С	
<i>"</i>	34- 4	AA		С	
<i>"</i>	34- 56 57- 46	AA AA		CO	
"	59- 43	AA		С	
"	68- 3	AA		C	
//	69- 1	AA		С	
"	70- 10	AA		С	
// VDECD70 00000	71- 9	AA AA		С	
XRESP70-08000	6- 12 21- 15	AA		C	
//	22- 1	AA		C	
"	23- 2	AA		С	
"	24- 1	AA		С	
<i>"</i>	25- 16	AA AA		С	
"	26- 1 27- 1	AA		C	
//	29- 6	AA		C	
"	34- 11	AA		С	
//	34- 56	AA		С	
<i>"</i>	38- 31	AA		С	
<i>"</i>	56- 18	AA		С	
"	57- 49 59- 36	AA AA		C	
"	68- 1	AA		C	
"	69- 18	AA		C	
//	71- 29	AA		С	
XRESP80-09000	57- 54	AA		С	
XRESP90-08000 XUBSD30P05000	24- 41 14- 34	AA AA		C	
XWHSD30-05080	16- 5	AA		C	
XWHSD30-05800	18- 35	AA	N	C	
XWHSD30-08100	35- 12	AA		С	
XWSSD40-10000	18- 23	AA		С	
XWVSD40-05000 XXHUW40L30000	12- 8	AA AD		С	
// // // // // // // // // // // // //	9- 32 12- 12	AD		C	
[0]	∠				
0AV1390000107	53- 12	AC		С	
0AV1390000108	53- 13	AC		С	
0AV1390000109	53- 14	AC		С	
0AV1390000131 0AV1390000132	53-143 53-144	AD AD		C	
0AV1390000132	53-144	AG		С	
0AV1390000136	53- 16	AF		C	
0AV1390000137	53- 17	AG		С	
0AV1390000139	53- 18	AG		С	
0AV1390000140	53- 15	AE		С	
0AV1390000149 0AV1471830090	53- 1 53- 2	AS AD		C	
0AV1471000030	53- 4	AG		C	
0AV1550000003	53- 3	ΑL		C	

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0AV1610000001 0AV1610000034	53-162 53- 6	AB AD		C	
0AV1610000034	53-141	AC		C	
0AV1610000039	53- 5	AB		С	
0AV1610000055	53-161	AD AD		С	
0AV1610000056 "	53- 9 53-142	AD		C	
0AV1610000066	53- 11	AD		С	
0AV1610000067	53- 7	AC		С	
0AV1650000068	53- 8	AD		С	
0AV1690000001 0AV1690000066	53- 10 53-163	AB AD		C	
0AV2011013010	53- 68	AA		C	
0AV2011023010	53- 69	AA		С	
0AV2011033010	53- 70	AA		С	
<i>"</i>	53-147 53-166	A A		C	
0AV2011043010	53- 71	AA		C	
0AV2011043030	53- 86	AA		C	
0AV2011213020	53- 82	AA		С	
0AV2011223010 0AV2011233010	53- 72 53-167	A A		C	
0AV2011233010 0AV2011243010	53- 73	AA		C	
0AV2011533010	53- 74	AA		C	
0AV2011823030	53- 87	AB		С	
0AV2011843030 0AV2012213020	53- 88	AB AA		С	
0AV2012213020 0AV2012223010	53- 83 53- 75	AA		C	
//	53-168	AA		C	
0AV2012233010	53-169	AA		C	
0AV2012723010	53- 76	AA		С	
0AV2012733010 0AV2013033010	53-148	A A		C	
//	53- 77 53-149	AA		C	
0AV2013323010	53- 78	AA		C	
//	53-150	AA		С	
//	53-170	AA		С	
0AV2013333010 //	53- 79 53-151	A A		C	
0AV2014703010	53- 80	AA		C	
0AV2014723010	53- 81	AA		С	
" 0AV2014723020	53-171	A A		С	
0AV2014723020 0AV2014773020	53- 84 53- 85	AA		C	
0AV2015623010	53-172	AA		С	
0AV2021033040	53- 96	AC		С	
0AV2022203040	53- 97	AC		С	
0AV2022213070 0AV2022233060	53- 94 53- 93	AF AC		C	
0AV2022733040	53- 98	AC		C	
0AV2023923040	53- 99	AC		С	
0AV2024703070	53- 95	AF		С	
0AV2026803040 0AV2041003030	53-100 53- 64	AC AC		C B	
0AV2041003000 0AV2041013010	53- 89	AC		В	
0AV2041033020	53- 92	AC		В	
0AV2042203010	53- 90	AC		В	
0AV2043303030 0AV2044773030	53- 62 53- 63	AC AC		B B	
0AV2044773030 0AV2048203010	53- 63	AC		В	
0AV2051094075	53- 65	AG		В	
0AV2053374087	53- 67	AH		В	
0AV2055094075 0AV2060012000	53- 66 53- 43	AF AH		B A	
0AV2080012000 0AV2081029181	53-43	AH		В	
0AV2990037000	53-173	AB		C	
0AV2990038000	53-174	AB		С	
0AV3021004999 0AV3021815500	53- 61	AD AC		B B	
//	53- 57 53-146	AC		В	
0AV3022655500	53- 58	AE		В	
0AV3040176999	53- 59	AN		В	
0AV3041168000	53- 60	AW		В	
0AV3050019000 0AV3050033000	53- 26 53- 28	AF AE		B B	
0AV3050033000	53- 26	AF		В	
0AV3050038000	53- 20	AF		В	
0AV3050069000	53- 25	AE		В	
0AV3050070000 0AV3050079000	53- 38 53- 21	AK AG		B B	
0AV3050079000 0AV3050082000	53- 21	AQ		В	

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0AV3050083000	53- 30	AR		В	
0AV3050086000	53- 22	AB		В	
"	53-164	AB		В	
0AV3060021000	53- 24	AB		В	
0AV3060040000	53- 23	AR		В	
0AV3060041000	53- 27	AD		В	
0AV3070042000	53- 35	AB		В	
0AV3070044000	53- 31	AB		В	
0AV3070061000	53- 33	AC		В	
0AV3070077000	53- 34	ΑE		В	
0AV3070097000	53- 32	AC		В	
0AV3070103000	53- 36	AC		В	
0AV3082561300	53- 56	AF		В	
0AV3090008000	53-165	AK		В	
0AV3090041000	53- 46	AF		В	
0AV3090046000	53- 45	AN		В	
0AV3090071000	53- 44	AN		В	
0AV3090072000	53- 47	AG		В	
0AV3090073000	53-145	AP		В	
0AV3160031000	53-102	AR		В	
0AV4000114011	53-103	ВС		В	
0AV4020034611	53- 52	BE		С	
0AV4050005000	53- 49	AD		С	
0AV4050016000	53- 55	AG		С	
0AV4070055000	53- 48	AR		С	
0AV4080006000	53- 50	AS		С	
0AV4120002000	53- 51	AC		С	
0AV4120007000	53- 53	AD		С	
0AV4120008000	53- 54	AD		С	
0AV5030036000	53-108	AC		С	
0AV5030103000	53-152	AF		С	
0AV5030104000	53-175	ΑE		С	
0AV5030105000	53-109	AM		С	
0AV5030106000	53-110	ΑL		С	
0AV5030107000	53-111	AN		С	
0AV5030108000	53-112	AK		С	
0AV5030109000	53-113	AD		С	
0AV5030114000	53-114	AF		С	
0AV5050005000	53-105	AA		С	
0AV5060031000	53- 39	AG		A	
0AV5060059000	53- 40	AG		Α	
0AV5060077000	53- 41	AF		Α	
0AV5070000013	53- 42	AF		Α	
0AV5130007000	53-107	AC		С	
0AV5130008000	53-106	AC		С	
0AV5140020000	53-101	AK		С	
0AV6111017811	53-176	ΑZ		С	
0AV6113101611	53-115	AQ		С	
0AV6113101711	53-177	AR		С	
0AV6114026411	53-180	ΑE		С	
0AV6114058511	53-179	AG		С	
0AV6114101711	53-178	AH		C	
0AV7200004000	53-181	AD		С	
0AV7414114111	53-185	AD		C	
0AV7414119011	53-186	AD		C	
0AV8112230314	53-184	AA		C	
0AV8112230714	53-183	AA		С	
0AV8117730514	53-116	AB		С	
0AV8140230314	53-182	AA		C	
0CW020050FZSA	58- 84	AB		C	
0CW023120FBWS	55- 42	AB		C	
"	59- 63	AB		C	
"	66- 85	AB		Č	
0CW023140FBWS	57- 80	AC		C	
0CW030030FNiT	55- 70	AB		C	
"	57- 96	AB		C	
0CW030030FZiT	57- 81	AB		C	
0CW030040FZBi	58- 41	AA		C	
"	59- 52	AA		C	
"	64- 90	AA		С	
0CW030040FZBP	66- 49	AA		С	
0CW030040FZiT	58- 47	AA		C	
0CW030040FZWS	58- 38	AA		C	
0CW030050FZBi	66-134	AA		C	
0CW030050FZWS	66- 64	AA		С	
0CW030060FNBi	58- 43	AA		С	
"	60- 18	AA		С	
0CW030060FNTP	56- 19	AB		С	
0CW030060FPWP	66- 24	AA		С	
0CW030060FZBB	65- 49	AB		С	
0CW030060FZBi	58- 34	AA		С	
		•	_		

PARTS CODE	NO.	PRICE	NEW	PART	
		RANK	MARK	RANK	
0CW030060FZBi	59- 34 62- 33	AA		C	
//	64- 4	AA		C	
//	66- 76	AA		C	
0CW030060FZBP	58- 37	AA		C	
//	59- 50	AA		С	
//	66- 37	AA		С	
0CW030060FZiT	56- 41	AA		С	
//	57- 67	AA		С	
0CW030060FZSW	56- 15	AA		С	
// 0CW020060E7TB	59- 35	AA		C	
0CW030060FZTP	55- 34 56- 17	AA		C	
<i>"</i>	57- 63	AA		C	
"	58- 40	AA		C	
"	59- 40	AA		C	
0CW030060FZWS	55- 38	AA		Č	
//	56- 22	AA		С	
//	66- 67	AA		С	
0CW030080FPWP	57- 65	AB		С	
0CW030080FZBB	55- 46	AB		С	
	58- 33	AB		С	
	59- 59	AB		С	
"	60- 15	AB AB		С	
<u>"</u>	60- 28	AB		C	
	63- 22 64- 66	AB		C	
0CW030080FZWS	56- 20	AA		C	
//	57- 71	AA		C	
<i>"</i>	64- 13	AA		С	
//	66- 83	AA		C	
0CW030100FBBB	55- 48	AB		С	
//	60- 20	AB		С	
//	60- 30	AB		С	
0CW030100FZBB	62- 15	AA		С	
//	64- 25	AA		С	
//	65- 36	AA		С	
0CW030100FZBi	58- 42	AA		С	
0CW040040FBBi 0CW040040FZiT	66- 8	AA		С	
0CW040040F2TT	55- 33 55- 37	AA		C	
//	63- 37	AA		С	
0CW040060FPWP	55- 41	AA		C	
0CW040060FZBi	64- 7	AA		Č	
//	66-131	AA		C	
0CW040060FZBP	57- 77	AB		C	
//	63- 35	AB		С	
//	66- 45	AB		С	
0CW040060FZSW	66- 94	AC		С	
0CW040060FZTP	55- 32	AA		С	
0CW040060FZWS	55- 63	AA		С	
0CW040080FNBi	55- 35	AA		С	
0CW040080FZBB 0CW040080FZBi	65- 22	AB AA		С	
//	55- 40	AA		С	
<i>"</i>	59- 48 63- 36	AA		С	
<i>"</i>	66- 7	AA		C	
0CW040080FZWS	66- 4	AA		C	
0CW04000012W3	59- 55	AC		C	
0CW040100FZBB	63- 34	AB		C	
0CW040120FZBB	66-129	AB		C	
0CW040120FZBi	64- 69	AB		C	
//	65- 24	AB		С	
0CW040250FZWS	63- 28	AC		С	
0CW1001P441//	55- 44	AG		С	
//	57- 51	AG		С	
0CW2078P023B/	56- 21	AC		С	
	57- 52	AC		С	
// 0CW2078P086B/	58- 39	AC AB		C	
0CW2078P086B/	58- 46 59- 38	AB		C	
0CW2078P119B/	55- 71	AB		C	
//	58- 70	AB		С	
0CW2078P652//	57- 82	AE		C	
0CW2088P034//	57- 83	AK		С	
0CW2094P090A/	59- 47	AH		В	
0CW2095P053//	55- 50	AE		C	
00W2093F033//		AD		C	
0CW2095P337/	57- 84				
	57- 84 55- 36	AC		С	
0CW2095P310//				C C	

DADTO CODE	NO	PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0CW2119P045//	65- 7	AG		С	
0CW2119P054//	65- 11	AD		С	
0CW2129P188//	57- 89	AD		С	
//	58- 44	AD		С	
0CW2134P060// 0CW2142P037//	65- 9	AK		С	
0CW2142P037//	57- 79	AS AE		С	
0CW2142P180//	60- 17	AB		С	
0CW2144P409//	55- 69	AD		С	
0CW2147F03377	59- 44 55- 53	AF		C	
// // // // // // // // // // // // //	57- 58	AF		С	
"	59- 39	AF		C	
0CW2158P005A/	59- 42	AD		C	
0CW2158P009A/	59- 41	AD		C	
0CW2158P035A/	56- 34	AD		C	
0CW2158P348A/	58- 90	AD		C	
0CW2158P377//	57- 69	AB		C	
//	58- 36	AB		С	
0CW2158P504//	55- 62	AK		С	
0CW2158P521B/	57- 53	ΑE		С	
"	59- 46	ΑE		С	
"	64- 20	ΑE		С	
//	66- 15	ΑE		С	
0CW2160P344//	56- 29	AR		В	
//	64- 9	AR		С	
0CW2164P142//	56- 27	AF		С	
0CW2166P004//	65- 13	AD		С	
0CW2166P034A/	66- 19	AD		С	
0CW2166P034B/	57- 55	AC		С	
0CW2166P265//	55- 52	AF		С	
0CW2168P010//	55- 55	AF		С	
0CW2168P029//	57- 75	AF		С	
0CW2168P030//	57- 78	AG		С	
0CW2180P333//	55- 65	AC		С	
0CW2185P023//	56- 30	AE		В	
0CW2185P357//	62- 26	AA		С	
//	64- 98	AA		С	
0CW2185P357A/	62- 10	AA		С	
0CW2185P358//	55- 47	AB		С	
0CW2185P359//	55- 45	AB		С	
0CW2198K239//	64- 58	AB AG		С	
// // // // // // // // // // // // //	57- 95 59- 75	AG		C	
0CW2198P003//	57- 66	AH		C	
0CW2198P302//	58- 45	AD		C	
0CW2198P305//	56- 46	AH		С	
0CW2198P422A/	61- 59	AY		В	
0CW2199P117//	60- 16	ΑE		C	
0CW2199P368//	58- 35	AD		C	
0CW2205P025//	56- 36	AD		C	
0CW2205P035//	58- 82	AF		С	
0CW2205P037//	56- 35	ΑE		С	
0CW2205P042//	55- 68	AD		С	
0CW2205P050//	58- 72	AD		C	
0CW2205P051//	58- 80	ΑE		В	
0CW2205P052//	58- 78	ΑE		С	
0CW2205P147//	56- 37	AC		С	
//	56- 38	AC		С	
0CW2205P152//	58- 85	AK		С	
0CW2205P153//	58- 73	AF		С	
0CW2205P351//	56- 33	AU		С	
0CW2205P360//	56- 26	AD		С	
0CW2210P092//	66- 87	AD		С	
0CW2210P122//	65- 34	AC		С	
0CW2210P312//	66- 23	AR		С	
0CW2214K002//	59- 18	AW		С	
0CW2214K004// 0CW2214K027E/	59- 5	AR AX		С	
0CW2214K027E/	57- 45	AX		C	
0CW2214K032//	58- 27	AK		_	
0CW2214K032//	58- 15	AL		С	
0CW2214K033//	57- 42 55- 8	AH		C	
0CW2214K054//	55- 8 57- 85	AL		C	
0CW2214K101//	58-501	AH		E	
0CW2214K110//	55- 20	AP		С	
0CW2214K200//	58- 2	AP		С	
0CW2214K202E/	60- 7	AS		C	
0CW2214K203//	55- 21	AN		C	
0CW2214K204//	57- 4	AH		C	
0CW2214K205//	55- 30	AL		C	
0CW2214K206//	55- 22	AN		C	

PARTS CODE	NO.	PRICE	NEW	PART	
	110.	RANK	MARK	RANK	
0CW2214K207//	58- 32	AM		С	
0CW2214K208//	55- 19	AS		С	
0CW2214K209//	57- 2	AR		С	
0CW2214K210// 0CW2214K211//	59- 70 59- 14	AT AL		C	
0CW2214K211//	58- 14	AG		С	
0CW2214K216//	57- 32	AH		C	
0CW2214K217//	55-501	AU		С	
0CW2214K222//	59- 24	AS		Е	
0CW2214K223//	55- 31	AU		E	
0CW2214K224//	58- 12	AS		E	
0CW2214K240// 0CW2214K326//	55- 7 55- 1	BE BS		B E	
0CW2214K320//	55- 1 55- 3	BD		E	
0CW2214P004//	60- 3	AF		C	
//	62- 5	AF		C	
0CW2214P005//	60- 2	AG		С	
//	62- 4	AG		С	
0CW2214P007//	57- 18	AT		С	
0CW2214P009//	58- 18	AX		С	
0CW2214P011// 0CW2214P012//	59- 30 59- 25	AQ AR		C	
0CW2214P012//	59- 25 57- 16	AR		C	
0CW2214F019//	57- 10	AE		C	
0CW2214P021//	57- 23	AE		С	
0CW2214P022//	57- 29	ΑE		С	
0CW2214P023B/	57- 20	ΑE		С	-
0CW2214P030//	58- 17	AE		C	
0CW2214P031//	57- 41	AF		С	
0CW2214P032// 0CW2214P033//	57- 44	AF AE		С	
0CW2214P0357/	59- 28 58- 23	AF		C	
0CW2214P036//	57- 21	AE		C	
0CW2214P037//	57- 1	AH		C	
0CW2214P039//	60- 4	AG		С	
"	62- 6	AG		С	
0CW2214P042//	56- 6	AD		С	
0CW2214P043//	56- 3	AD		С	
0CW2214P044//	56- 4	AF AE		С	
0CW2214P046// 0CW2214P051//	59- 67 56- 28	AD		C	
0CW2214P051//	60- 13	AK		С	
0CW2214P060//	60- 14	AK		C	
0CW2214P061//	58- 5	AY		С	
0CW2214P062//	58- 21	BA		С	
0CW2214P063//	58- 26	AV		С	
0CW2214P064// 0CW2214P065//	59- 26	AX		С	
0CW2214P065// 0CW2214P066//	60- 1 60- 11	AZ BA		C	
0CW2214P067//	58- 20	AU		С	
0CW2214P068//	55- 23	AM		D	
//	63- 18	AM		D	
0CW2214P070//	60- 19	AH		С	
//	60- 24	AH		С	
0CW2214P101//	57- 25	AE		С	
0CW2214P102// 0CW2214P103//	58- 1	AE		С	
0CW2214P103//	58- 29 59- 66	AD AD		C	
0CW2214P104F/	57- 28	AR		C	
//	58- 10	AR		C	
0CW2214P108//	57- 6	ΑТ		С	
0CW2214P109//	57- 12	ΑE		С	
0CW2214P110//	55- 10	AL		C	
0CW2214P111//	56- 2	AS		С	
0CW2214P112// 0CW2214P113//	56- 13	AW AF		С	
0CW2214P113//	59- 1 56- 1	AF		C	
0CW2214P114//	55- 29	AE		С	
0CW2214P117//	55- 15	AF		С	
0CW2214P118B/	56- 10	AM		С	
0CW2214P120//	59- 11	AQ		С	
0CW2214P124//	59- 31	AE		С	
0CW2214P126//	55- 14	AG		С	
0CW2214P127// 0CW2214P128//	55- 2 60- 6	AR AK		C	
0CW2214P128//	60- 6 60- 12	AF		C	
0CW2214F130//	59- 29	AP		С	
0CW2214P131//	58- 8	AG		C	
0CW2214P132D/	58- 7	AM		С	
0CW2214P134//	58- 13	AF		С	
0CW2214P135//	55- 18	ΑE		С	

DARTE CODE	NO	PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0CW2214P136//	55- 28	AG		С	
0CW2214P138// 0CW2214P139//	56- 5 56- 14	AH AH		C	
0CW2214P140//	55- 26	AE		С	
"	63- 33	ΑE		C	
0CW2214P141//	56- 9	AH		С	
0CW2214P143C/	59- 16	AP		С	
0CW2214P144//	58- 62	AF		С	
0CW2214P146//	59- 65	AD		С	
0CW2214P149//	56- 43	AG		С	
0CW2214P154D/ 0CW2214P155//	58- 60 58- 9	AH AG		C	
0CW2214P153//	56- 39	AK		C	
0CW2214P200//	57- 33	AZ		C	
0CW2214P201//	57- 35	AV		C	
0CW2214P205//	57- 15	AK		C	
0CW2214P206//	57- 14	AP		С	
0CW2214P208//	59- 32	AD		С	
0CW2214P209//	59- 27	AE		С	
0CW2214P300D/	57- 36	AU		С	
0CW2214P301// 0CW2214P302//	57- 31	BB AX		С	
0CW2214P302//	57- 30 58- 22	AD		C	
0CW2214P303//	58- 25	AV		В	
0CW2214P307//	58- 19	AD		С	
0CW2214P311//	58- 16	AF		C	
0CW2214P312//	57- 27	AD		С	
0CW2214P313//	57- 26	AD		С	
0CW2214P314//	57- 19	AD		С	
0CW2214P315//	55- 11	AR		С	
0CW2214P316//	57- 7	AS		С	
0CW2214P317// 0CW2214P318//	57- 38	AS AR		С	
0CW2214P318//	57- 39 57- 13	AP		B B	
0CW2214P320//	57- 40	AQ		В	
0CW2214P321//	56- 31	BB		C	
0CW2214P322//	56- 12	BB		С	
0CW2214P323//	59- 13	ΑV		С	
0CW2214P328//	59- 37	AS		С	
0CW2214P331//	59- 21	BD		С	
0CW2214P332//	59- 20	AV		С	
0CW2214P335//	59- 69	AD		С	
0CW2214P339// 0CW2214P340//	57- 34 57- 10	BA AV		C	
0CW2214P341//	57- 10	AP		С	
0CW2214P342//	57- 43	AS		C	
0CW2214P343//	58- 3	AE		C	
0CW2214P344//	58- 24	ΑE		С	
0CW2214P347//	59- 17	AD		С	
0CW2214P348//	59- 8	AX		С	
0CW2214P349//	59- 6	AN		С	
0CW2214P350//	55- 9	AD		С	
0CW2214P352// 0CW2214P376//	59- 33 58- 86	AD AH		C	
0CW2214P376//	58- 86 59- 15	AS		В	
0CW2214P381//	59- 22	AD		С	
0CW2214P383//	59- 68	AE		С	
0CW2214P387//	59- 71	ΑE		С	
0CW2214P391//	58- 81	AG		С	
0CW2214P392//	58- 83	AG		С	
0CW2214P393//	56- 24	AG		В	
// 0CW2214P402//	56- 25	AG		В	
0CW2214P402// 0CW2214P403//	59- 3 57- 24	AU		B B	
0CW2214P403//	57- 24	AD		С	
0CW2214P406//	58- 31	AD		С	
0CW2214P453//	55- 51	AD		C	
0CW2214P454//	58- 89	AD		С	
0CW2214P455//	58- 57	ΑE		С	
//	59- 53	AE		С	
0CW2214P456B/	57- 73	AG		С	
0CW2214P458//	58- 59	AG		С	
0CW2214P459// 0CW2214P460//	59- 58	AD AD		C	
0CW2214P460//	59- 60 56- 11	AZ		C	
0CW2214P462//	59- 57	AE		C	
0CW2214P465//	59- 72	AM		С	
0CW2214P466//	59- 61	AG		C	
0CW2214P469//	57- 72	ΑĒ		С	
0CW2214P471//	57- 56	AQ		С	
0CW2214P472//	59- 64	AP		С	

		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0CW2214P477//	58- 54	AH		С	
0CW2214P485//	58- 69	AD		С	
0CW2214P489//	55- 60	AH		С	
0CW2214P490//	55- 61	AG		С	
0CW2214P491// 0CW2214P492//	57- 76	AH		С	
0CW2214P492//	57- 88 58- 87	AG		C	
0CW2214P496//	55- 58	AE		C	
0CW2214P497//	55- 59	AE		C	
0CW2214P498//	55- 64	AE		Č	
0CW2214P512//	55- 54	AG		С	
0CW2214P513//	55- 16	AG		С	
0CW2214P520//	56- 40	AU		С	
0CW2214P521//	58- 58	AF		С	
0CW2214P524//	57- 87	AG		С	
0CW2214P528//	57- 93	AC		С	
0CW2214P529//	59- 51	AC		С	
0CW2214P531// 0CW2214P541//	57- 91	AC AD		С	
# # # # # # # # # # # # # # # # # # #	60- 22 62- 21	AD		C	
0CW2214P542//	60- 23	AR		D	
0CW2214P544//	60- 23	AN		D	
0CW2214F546//	60- 23	AV		D	
0CW2214P569//	56- 44	AB		C	
0CW2214P575//	56- 7	BR		В	
0CW2217P135//	55- 29	AG		C	
0CW2221P336//	55- 56	AU		C	
//	59- 56	AU		C	
0CW2223K214//	60- 5	AX		C	
0CW2223P101//	57- 90	AD		С	
0CW2223P102//	58- 68	AH		С	
0CW2223P404//	55- 12	BN		В	
0CW2224P333//	55- 49	AN		D	
0CW2225P023//	65- 3	AU	N	С	
0CW2229P329//	62- 23	AC	N	С	
0CW2229P364//	63- 8	AE		С	
0CW2229P365//	64-106	AD	N	С	
//	65- 50	AD	N	С	
0CW2229P389// 0CW2231K064//	64- 80	AD		С	
0CW2231K004//	58- 79 55- 17	BD		C E	
0CW2234K034//	58-502	AU		E	
0CW2234K202//	60- 7	AT		С	
0CW2234K203//	55- 78	AG		C	
0CW2234K213//	61- 97	AY		В	
0CW2234K217//	61-901	CA		E	
0CW2234K222//	55- 27	CA		Е	
0CW2234P008//	57- 86	AG		С	
0CW2234P104//	55- 5	AG		С	
0CW2234P301//	57- 92	AF		С	
0CW2234P322//	58- 63	AH		С	
0CW2234P335//	59- 73	AG		С	
0CW2234P336//	59- 74	AG		С	
0CW2234P400//	59- 12	BK		В	
0CW2234P401//	57- 5	BM		В	
0CW2234P410// 0CW2235P039//	56- 45	AR		С	
0CW2235P039//	60- 27 62- 12	AG AG		C	
0CW2235P041//	1- 33	AT		C	
0CW2235F041//	1- 33	AT		C	
0CW2235P045//	64- 65	AF		С	
0CW2235P304//	65- 28	AF		C	
0CW2235P404//	62- 13	AE		Č	
0CW2241P601//	63- 26	ВС		В	
0CW2247P727//	64- 24	ΑТ		В	
//	65- 37	ΑТ		В	
0CW2254K001//	63- 23	BE		С	
0CW2254K002//	63- 24	BD		С	
0CW2254K003//	64- 1	AU		С	
0CW2254K004//	64- 5	AV		С	
0CW2254K005//	66- 38	BA		С	
0CW2254K006//	66- 41	BG		C	
0CW2254K007//	66- 10	AQ		C	
0CW2254K008//	66- 11	AK		С	
0CW2254K057//	63- 19	BF AS		C	
0CW2254K073// 0CW2254K500//	65- 40 66-117	AG		-	
0CW2254K500//	64- 71	AH		C	
0CW2254K502//	66-105	AN		C	
0CW2254K507//	62- 19	AT		C	
0CW2254K509//	65- 43	AW		C	
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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
0CW2254K511//	66-119	AN	WARK	C	
0CW2254K512//	63- 30	BA		С	
0CW2254K513//	63- 25	BB		C	
0CW2254K514//	62- 18	AU		С	
0CW2254K516//	66-104	AH		С	
0CW2254K517//	66-120	AL		С	
0CW2254K518//	66-118	AR		С	
0CW2254K519//	66-126	AF		С	
0CW2254K530//	66-127	AE	N	E	
0CW2254K550// 0CW2254P001//	66-128	AZ AV		E	
0CW2254P001//	65- 1 65- 25	AV		C	
0CW2254P003//	65- 5	AQ		С	
0CW2254P004//	66- 74	AF		C	
0CW2254P010//	66- 18	AF		C	
0CW2254P011//	66- 35	AP		C	
0CW2254P012//	66- 20	AD		С	
0CW2254P013//	66- 89	AP		С	
0CW2254P014//	66- 53	AD		С	
0CW2254P015//	66- 52	ΑE		С	
0CW2254P016//	66- 42	AE		С	
0CW2254P017//	66- 54	AD		С	
0CW2254P018//	65- 20	ΑE		С	
0CW2254P020// 0CW2254P021//	65- 31	AF BD		C D	
0CW2254P021// 0CW2254P022//	63- 2 64- 63	AU		С	
0CW2254P022//	64- 63	AU		C	
0CW2254P024//	64- 37	AU		C	
0CW2254P026//	66- 68	AF		C	
0CW2254P027//	64- 22	AF		C	
0CW2254P028//	64- 67	AP		С	
0CW2254P029//	66- 50	ΑE		С	
0CW2254P030//	64- 50	AD		С	
0CW2254P031//	66- 62	AD		С	
0CW2254P032//	66- 92	AF		С	
0CW2254P035//	64- 34	AG		С	
0CW2254P036//	64- 35	AG		С	
0CW2254P037//	62- 9	AF		С	
0CW2254P038//	62- 8	AF		C	
0CW2254P040// 0CW2254P041//	62- 1 62- 2	AH AH		D D	
0CW2254P041//	64- 62	AD		С	
0CW2254P043//	63- 15	BH		D	
0CW2254P046//	65- 39	AE		С	
0CW2254P047//	65- 16	AD		C	
0CW2254P048//	63- 4	ΑE		C	
0CW2254P049//	63- 1	AG		D	
0CW2254P050//	63- 3	ΑL		С	
0CW2254P052//	62- 3	BA		D	
0CW2254P053//	62- 16	AW		D	
0CW2254P054//	62- 17	AH		D	
0CW2254P055//	62- 14	AE		С	
0CW2254P056//	63- 9	AD		С	
0CW2254P057//	66- 57	AF		С	
0CW2254P058// 0CW2254P060//	66- 59 62- 31	AE AD		C	
0CW2254P060//	63- 17	BB		D	
0CW2254P061//	64- 32	AD		С	
//	66- 86	AD		С	
0CW2254P065//	64- 15	AD		C	
0CW2254P066//	63- 16	AT		D	
0CW2254P068//	64- 40	AD		С	
0CW2254P069//	66- 77	ΑE		С	
0CW2254P070//	63- 5	ΑE		С	
0CW2254P072//	66- 73	AD		С	
0CW2254P073//	66- 71	AD		С	
0CW2254P074//	64- 45	AD		С	
0CW2254P075//	64- 29	AD		С	
0CW2254P076//	66- 70	AK		С	
0CW2254P077// 0CW2254P078//	64- 86	AD		С	
0CW2254P078//	66- 27	AE AD		C	
0CW2254P079//	66- 25 66- 34	AP		C	
0CW2254P080//	66- 31	AF		C	
0CW2254P082//	66- 12	AD		С	
0CW2254P083//	66- 21	AD		C	
0CW2254P084//	64- 56	ΑE		C	
0CW2254P085//	64- 57	ΑE		C	
0CW2254P086//	65- 32	ΑE		С	
0CW2254P089//	63- 10	AM		С	
0CW2254P090//	64- 3	ΑE		С	

		DDIOE	A 151A /	DART	T
PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
0CW2254P091//	63- 13	AE		C	
0CW2254P092//	66- 69	ΑE		С	
0CW2254P093//	64- 73	AD		С	
0CW2254P094//	64- 97	AK	N	С	
0CW2254P095// 0CW2254P097//	64- 27 66-133	AE AE	N N	C	
0CW2254P097//	66- 75	AH	IN	C	
0CW2254P101//	66- 46	AT		C	
0CW2254P103//	66- 51	AG		C	
0CW2254P105//	66- 48	ΑE		С	
0CW2254P106//	66- 47	AH		С	
0CW2254P111//	64- 60	AP		С	
0CW2254P112//	66- 56	AN		С	
0CW2254P113// 0CW2254P114//	64- 2 64- 18	AZ AT		C	
0CW2254P115//	66- 2	AP		C	
0CW2254P116//	66- 3	AH		Č	
0CW2254P117//	66- 63	ΑE		С	
0CW2254P118//	66- 66	ΑE		С	
0CW2254P119//	64- 6	AG		С	
0CW2254P121//	64- 48	AE		С	
0CW2254P122// 0CW2254P123//	64- 42	AD		С	
0CW2254P123// 0CW2254P124//	64- 21 64- 64	AE AD		C	
0CW2254P124//	64- 89	AF		C	
0CW2254P128//	63- 29	AD		C	
0CW2254P130//	63- 27	AG		C	
0CW2254P133//	64- 61	AF		C	
0CW2254P134//	66- 43	AS		С	
0CW2254P135//	65- 21	AL		С	
0CW2254P136//	64- 52	AU		С	
0CW2254P137// 0CW2254P141//	66- 36	AF AH		С	
0CW2254P141//	66- 39 64- 47	AA		C	
0CW2254P143//	62- 7	AF	N	C	
0CW2254P145//	62- 25	ΑE	N	C	
0CW2254P200//	66- 29	AP		С	
0CW2254P201//	65- 8	AR		С	
0CW2254P202//	65- 12	AM		С	
0CW2254P203//	66- 30	AM		С	
0CW2254P204// 0CW2254P210//	66- 16	AM AS		С	
0CW2254P210//	64- 54 64- 14	AR		C	
0CW2254P213//	64- 39	AN		C	
0CW2254P214//	65- 2	AP		C	
0CW2254P220//	64- 44	AM		С	
0CW2254P226//	64- 41	AF		С	
0CW2254P228//	64- 95	AF	N	С	
0CW2254P301//	65- 18	AV		С	
0CW2254P302// 0CW2254P303//	65- 17 66- 55	AU BA		C	
0CW2254F303//	66- 80	AE		C	
0CW2254P305//	65- 33	AD		C	
0CW2254P306//	65- 19	ΑE		С	
0CW2254P309//	64- 8	ВС		C	
0CW2254P310//	64- 30	AV		С	
0CW2254P311//	64- 19	AX		С	
0CW2254P312// 0CW2254P314//	64- 33	AV AH		С	
0CW2254P314//	66- 26 65- 23	AD		C	
0CW2254P310//	65- 38	AE		С	
0CW2254P319//	66- 84	AD		C	
0CW2254P320//	66- 65	AD		C	
0CW2254P321//	64- 68	ΑE		С	
0CW2254P326//	66- 40	AD		С	
0CW2254P328//	65- 26	AE		С	
0CW2254P330// 0CW2254P333//	66- 78 63- 12	AD AD		C	
#	64- 51	AD		C	
0CW2254P335//	64- 26	AF		C	
0CW2254P336//	65- 6	AH		C	
0CW2254P337//	63- 7	AC		С	
0CW2254P338//	65- 30	AC		С	
//	66- 58	AC		С	
0CW2254P339//	62- 27	AD		С	
0CW2254P340// 0CW2254P342//	64- 59 64- 12	AD AD		С	
0CW2254P342// 0CW2254P343//	64- 12	AE		C	
0CW2254P344//	64- 72	AD		C	
0CW2254P345//	62- 32	AF	N	C	
0CW2254P346//	66- 93	AF		С	
<u> </u>					

T		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0CW2254P348//	66- 82	AR	1417 (1 (1 (C	
0CW2254P349//	64- 9	AN		С	
0CW2254P350//	63- 11	AD		С	
0CW2254P351//	63- 14	AC		С	
0CW2254P351//	64- 36	AG		C	
0CW2254P353//	66- 5	AT		С	
0CW2254P354//	63- 20	AK		С	
0CW2254P357//	65- 27	AE		С	
0CW2254P358//	64- 38	AC		С	
//	65- 46	AC		С	
0CW2254P359//	64- 85	AD		С	
0CW2254P360//	65- 29	AN	N	С	
0CW2254P361//	64- 53	AH	N	С	
0CW2254P362//	64- 75	AG	N	С	
0CW2254P363//	65- 48	AC		С	
0CW2254P364//	62- 28	AC		С	
0CW2254P365//	66- 44	AR		С	
0CW2254P366//	66- 81	AD		С	
0CW2254P373//	62- 22	AP	N	C	
0CW2254P374//	64- 84	AD	- ' '	C	
0CW2254P376//	62- 22	AP	N	C	
0CW2254P377//		AF	IN		
	64- 94		K I	С	
0CW2254P378//	62- 22	AP	N	С	
0CW2254P380//	64- 77	AD		С	
0CW2254P381//	64- 83	AG	N	С	
0CW2254P382//	64- 82	AG	N	С	
0CW2254P385//	64- 81	AF	N	С	
0CW2254P388//	64- 78	AC	N	С	
0CW2254P391//	64- 93	AH	N	С	
0CW2254P392//	64- 92	AH	N	С	
0CW2254P393//	64- 79	AD	N	С	
0CW2254P394//	64- 91	AG	N	С	
0CW2254P399//	66-132	AD	N	С	
0CW2254P400//	66-122	ΑY		C	
0CW2254P401//	66-124	AY		C	
0CW2254P402//	66- 32	BB		C	
0CW2254P403//	66- 6	BM		В	
0CW2254P404//	66-102	BN		В	
0CW2254P405//	63- 39	AH	N		
0CW2254P470//		AC	N	С	
	64-102			С	
0CW2254P471//	64-103	AD	N	С	
0CW2254P472//	64- 99	AD	N	С	
0CW2254P473//	64-100	AD	N	С	
0CW2254P476//	66-139	AD	N	C	
0CW2254P477//	64-101	AF	N	С	
0CW2254P478//	63- 38	AG	N	С	
0CW2254P479//	64-104	AD	N	С	
0CW2254P480//	64-105	AF	N	С	
0CW2254P481//	66-135	AD	N	С	
0CW2254P482//	66-136	AD	N	С	
0CW2254P483//	62- 24	AR	N	С	
0CW2254P484//	65- 51	AD	N	С	
0CW2254P486//	66-138	ΑE	N	С	
0CW2254P999//	67- 42	ΑT		В	
0CW319300////	57- 48	AD		В	
"	59- 4	AD		В	
0CW338412////	59- 62	AE		В	
0CW338422///	57- 70	AB		В	
"	64- 43	AB		С	
"	65- 15	AB		С	
0CW338432///	57- 59	AC		В	
0CW338432////	62- 29	AC	NI		
0CW39914//// 0CW4015P164//			N	С	
	66-130	AC	N	С	
0CW4016P167//	56- 16	AC		С	
"	57- 68	AC		С	
<i>"</i>	58- 48	AC		С	
//	59- 49	AC		С	
0CW4054P074B/	60- 26	AF		С	
0CW4060P012//	64- 31	ΑE		С	
0CW650593////	56- 23	AU		В	
0CW690381////	57- 47	ΑE		С	
0 CW 7 0 0 0 0 7 1 0 4 1 1	07 4	AB		С	
0CW73303Z104H	67- 1	A D		С	
0CW8003P161//	63- 21	AD			
		AA		С	
0CW8003P161//	63- 21			C B	
0CW8003P161// 0CW812531///	63- 21 55- 43	AA			
0CW8003P161// 0CW812531/// 0CWE120000368	63- 21 55- 43 61- 89 55- 13	AA AR		В	
0CW8003P161// 0CW812531//// 0CWE120000368 0CWE120000870	63- 21 55- 43 61- 89 55- 13 57- 37	AA AR AM AM		ВВ	
OCW8003P161// OCW812531//// OCWE120000368 OCWE120000870 //	63- 21 55- 43 61- 89 55- 13 57- 37 59- 19	AA AR AM AM		B B B	
OCW8003P161// OCW812531//// OCWE120000368 OCWE120000870 " OCWE120000897	63- 21 55- 43 61- 89 55- 13 57- 37 59- 19 61- 68	AA AR AM AM AM		B B B B	
OCW8003P161// OCW812531//// OCWE120000368 OCWE120000870 //	63- 21 55- 43 61- 89 55- 13 57- 37 59- 19	AA AR AM AM		B B B	

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PARTS CODE	NO.	PRICE	NEW	PART	
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0CWE230000031	61- 64	AK		С	
0CWE230000036	67- 46	AN		С	
0CWE240000309	55- 67	AP		В	
0CWE240000317	67- 87	AK		Α	
0CWE240000356	55- 79	AS		С	
0CWE240000393	67- 49	AL		В	
0CWE250000107	61- 66	AX		В	
0CWE250000141	61- 67	AG		В	
//	67- 48	AG		В	
0CWE250000182	67- 47	AN		В	
0CWE311000977	61- 51	AB		В	
0CWE311000978	61- 50	AD		В	
"	67- 30	AD		В	
0CWE311000991	67- 34	AD		В	
0CWE311001019	61- 53	AD		В	
0CWE311001020	61- 52	ΑE		В	
0CWE311001033	67- 31	AC		В	
0CWE311001047	67- 32	AD		В	
0CWE311001049	67- 33	ΑE		В	
0CWE312000082	61- 70	AC		В	
0CWE312000090	67- 51	AC		В	
0CWE312001081	61- 71	AB		В	
"	67- 50	AB		В	
0CWE312001240	61- 69	AC		В	
0CWE312001240	67- 56	AM		В	
0CWE312001241	67- 54	AH		В	
0CWE312001282		AS		В	
0CWE312001290 0CWE312001293	67- 57 61- 16	AR		В	
#					
0CWE312001310	67- 52	AR AC		В	
	61- 18			В	
0CWE312001337	67- 53	AE		В	
0CWE312001362	61- 15	AC		В	
0CWE312001363	61- 72	AG		В	
0CWE312001368	61- 17	AK		В	
0CWE312001377	67- 55	AE		В	
0CWE314000120	60- 9	AM		В	
//	60- 10	AM		В	
0CWE314000337	61- 65	AB		В	
0CWE314000528	58- 6	AL		В	
0CWE314000531	57- 11	AN		В	
//	60- 25	AN		В	
0CWE314000619	62- 11	AH		В	
"	64- 23	AH		В	
"	65- 35	AH		В	
//	66-121	AH		В	
0CWE314000625	66-106	AL		В	
0CWE321000320	61- 58	AK		В	
<i>"</i>	67- 35	AK		В	
0CWE321000358	61- 60	AG		В	
0CWE321000540	61-102	AW		В	
0CWE321000591	61- 63	AF		В	
0CWE321000636	67- 37	AG		В	
0CWE321000644	61- 14	AZ		В	
0CWE321000645	61- 13	BB		В	
0CWE321000650	61- 61	BB		В	
0CWE321000703	67- 44	AF		В	
0CWE321000706	67- 38	AR		В	
0CWE321000717	67- 39	BE		В	
0CWE323000280	61- 62	BC		В	
0CWE323000315	67- 36	BB		В	
0CWE323000343	61- 12	AD		В	
0CWE323000355	67- 41	AK		В	
0CWE420001011	61- 33	AC		С	
<i>"</i>	67- 88	AC		С	
0CWE450000005	60- 31	AA		С	
"	62- 35	AA		С	
"	63- 32	AA		С	
"	64- 88	AA		С	
"	66-107	AA		С	
0CWE450000067	60- 21	AC		С	
"	62- 20	AC		С	
"	65- 44	AC		С	
0CWE450000070	55- 6	AB		С	
"	63- 31	AB		С	
0CWE450000071	55- 25	AC		С	
0CWE450000368	55- 24	AD		С	
//	60- 8	AD		С	
"	60- 29	AD		С	
0CWE450000384	66-110	AB		С	
0CWE450000433	55- 4	AB		С	

PARTS CODE OCWE450000433 58-11 AB OCWE450000574 58-91 AB OCWE450000574 58-91 AC OCWE450000706 68-111 AC OCWE450000707 66-111 AC OCWE450000707 22 68-114 AC OCWE450000707 22 68-114 AC OCWE450000707 22 68-114 AC OCWE450000871 57-22 AB OCWE450000871 57-22 AB OCWE450000871 57-22 AB OCWE450000871 57-22 AB OCWE450000893 68-17 AD OCWE450000893 68-17 AD OCWE450000897 58-4 AC OCWE450000897 58-4 AC OCWE450000897 57-8 AC OCWE4500001128 68-112 AD OCWE450001128 AR OCWE450001128 AR OCWE450001128 AR OCWE450001128 AR OCWE450001130 68-125 AF OCWE450001130 68-125 AF OCWE450001130 68-125 AF OCWE4500014J101 61-98 AB OCWE7014J101 61-98 AB OCWE70162J101 61-19 AA OCWE70162J101 61-19 AA OCWE70162J101 61-19 AA OCWE70162J101 61-19 AA OCWE70162J101 61-19 AA OCWE7018J18563 61-30 AA OCWE7018J18563 61-30 AA OCWE7018J18563 61-30 AA OCWE7018J190 61-22 AA OCWE7018J191 61-22 AA OCWE7018J191 61-22 AA OCWE7018J191 61-23 AA OCWE7018J191 61-29 AA OCWE7018J191 61-39 AA OCWE7018J191 61-30 AA OCWE7012J191 61-30 AA OCWE7012J191 61-30 AA OCWE7012J191 61-30 AA OC			1	_		T
OCWE450000433	DARTS CODE	NO	PRICE	NEW	PART	
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" 59-9 AB C OCWE450000574 59-2 AC C " 68-11 AC C OCWE450000732 66-113 AD C OCWE450000732 66-114 AC C OCWE450000732 66-114 AC C " 58-30 AB C " 58-30 AB C " 59-7 AB C CCWE450000893 64-70 AD C GCWE450000897 57-8 AC C " 59-10 AC C 0CWE450001128 64-87 AC C " 59-10 AC C 0CWE450001130 66-101 AC C 0CWE450001130 66-101 AC C 0CWE450001130 66-112 AF C 0CWE70162J101 61-28 AB C 0CWE70182J101 61-38 AB C <td>0CWE450000433</td> <td>EO 11</td> <td>ΔR</td> <td></td> <td>_</td> <td></td>	0CWE450000433	EO 11	ΔR		_	
OCWE450000574 S9-61 AC						
## 59- 2 AC		59- 9	AB		С	
## 59- 2 AC	0CWE450000574	58- 61	AC		С	
## 66-111 AC C OCWE450000732 66-114 AC C OCWE450000871 57-22 AB C ## 58-30 AB C ## 58-30 AB C ## 58-30 AB C ## 58-30 AB C ## 58-30 AB C ## 66-112 AD C OCWE450000891 64-70 AD C OCWE450000897 57- AB C ## 66-112 AD C ## 66-112 AD C OCWE450000897 57- BA C OCWE450000897 57- BA C OCWE450000897 57- BA C OCWE450001128 64-87 AC C ## 59-10 AC C OCWE450001128 64-87 AC C OCWE450001130 66-125 AF C OCWE450001130 66-125 AF C OCWE70162J101 61-98 AB C OCWE70162J101 61-99 AA C OCWE70162J101 61-19 AA C OCWE70162J181 61-20 AA C OCWE70182J101 61-19 AA C OCWE70182J181 61-20 AA C OCWE70182J181 61-20 AA C OCWE70188F153 61-32 AA C OCWE70188F153 61-32 AA C OCWE70188F153 61-32 AA C OCWE70188F153 61-30 AA C OCWE70188F153 61-30 AA C OCWE70188J102 61-75 AA C OCWE70188J104 61-75 AA C OCWE70188J105 61-79 AA C OCWE70188J104 61-75 AA C OCWE70188J105 61-79 AA C OCWE70188J104 61-75 AA C OCWE7018BJ104 61-75 AA C OCWE7018BJ104 61-75 AA C OCWE7018BJ105 61-79 AA C OCWE7018BJ104 61-75 AA C OCWE7018BJ105 61-79 AA C OCWE7018BJ104 61-75 AA C OCWE7018BJ105 61-79 AA C OCWE7018BJ105 61-79 AA C OCWE7018BJ105 61-79 AA C OCWE7018BJ105 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ105 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ106 61-79 AA C OCWE7018BJ107 61-79 AA C OCWE7018BJ107 61-79 AA C OCWE7018BJ107 61-79 AA C OCWE7018BJ108 61-79 AA C OCWE7018BJ108 61-79 AA C OCWE7018BJ108 61-79 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C OCWE7028J1104 61-75 AA C						
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OCWE 45 0 0 0 0 7 3 2	//	66-111	AC		С	
OCWE 45 0 0 0 0 7 3 2	0CWE450000706					
OCWE450000871						
## 58- 30	0CWE450000732	66-114	AC		C	
## 58- 30	0CWF450000871	57- 22	AB		C	
" 59-7 AB C 0CW450000893 64-70 AD C " 66-112 AD C 0CW4450000896 58-4 AC C " 59-10 AC C 0CWE4500001128 64-87 AC C " 68-125 AF AC C 0CWE450001130 66-125 AF C C 0CWE701641101 61-98 AB C C 0CWE70162J100 61-23 AA C C 0CWE70162J101 61-23 AA C C 0CWE70162J101 61-23 AA C C 0CWE70162J181 61-20 AA C C 0CWE70188F153 61-32 AA C C 0CWE70188F243 61-30 AA C C 0CWE70188F2513 61-32 AA C C 0CWE70188F2515 61-24 AA C						
OCWE450000893						
OCWE450000893	//	59- 7	AB		С	
## 66-112 AD C OCW 450000896 S8-4 AC C ## 78 S9-10 AC C OCW 450000897 S7-8 AC C ## 68-28 AC C OCW 450001128 64-87 AC C OCW 450001128 64-87 AC C OCW 450001130 66-125 AF C OCW 450001130 66-125 AF C OCW 450001130 66-125 AF C OCW 70106JR122 67-72 AC C OCW 70106JR122 67-72 AC C OCW 70162J101 61-98 AB C OCW 70162J101 61-93 AA C OCW 70162J101 61-93 AA C OCW 70162J101 61-93 AA C OCW 70162J101 61-93 AA C OCW 70162J101 61-93 AA C OCW 70162J101 61-93 AA C OCW 70162J101 61-93 AA C OCW 70162J101 61-93 AA C OCW 70182J102 61-22 AA C OCW 70188F153 61-32 AA C OCW 70188F155 61-26 AA C OCW 70188F155 61-26 AA C OCW 70188J100 61-76 AA C OCW 70188J100 61-76 AA C OCW 70188J100 61-75 AA C OCW 70188J104 61-75 AA C OCW 70188J105 61-79 AA C OCW 70188J152 61-84 AA C OCW 70188J154 61-24 AA C OCW 70188J152 61-84 AA C OCW 70188J153 61-83 AA C OCW 70188J154 61-24 AA C OCW 70188J152 61-84 AA C OCW 70188J153 61-83 AA C OCW 70188J154 61-24 AA C OCW 70188J154 61-24 AA C OCW 70188J152 61-84 AA C OCW 70188J153 61-83 AA C OCW 70188J154 61-24 AA C OCW 70188J153 61-83 AA C OCW 70188J154 61-24 AA C OCW 70188J154 61-24 AA C OCW 70188J154 61-24 AA C OCW 70188J154 61-24 AA C OCW 70188J202 61-82 AA C OCW 70188J203 61-85 AA C OCW 7018BJ203 61-85 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018BJ30 61-77 AA C OCW 7018B	0CWE450000893		ΔD			
OCWE450000896						
" 69-10 AC C 0CW450000897 57-8 AC C " 58-28 AC C 0CW4450001128 64-87 AC C " 66-101 AC C 0CWE70106JH2101 61-98 AB C 0CWE70162J100 61-23 AA C 0CWE70162J101 61-23 AA C 0CWE70162J181 61-20 AA C 0CWE70162J181 61-20 AA C 0CWE70162J472 61-27 AA C 0CWE70188F153 61-32 AA C 0CWE70188F243 61-30 AA C 0CWE70188F253 61-30 AA C 0CWE70188F251 61-31 AA C 0CWE70188F251 61-31 AA C 0CWE70188F251 61-31 AA C 0CWE70188J100 61-76 AA C 0CWE70188J1010 61-78 <td>//</td> <td>66-112</td> <td>AD</td> <td></td> <td>C</td> <td></td>	//	66-112	AD		C	
" 69-10 AC C 0CW450000897 57-8 AC C " 58-28 AC C 0CW4450001128 64-87 AC C " 66-101 AC C 0CWE70106JH2101 61-98 AB C 0CWE70106JH2101 61-98 AB C 0CWE70162J1010 61-23 AA C 0CWE70162J1181 61-20 AA C 0CWE70162J181 61-20 AA C 0CWE70162J472 61-27 AA C 0CWE70168J163 61-32 AA C 0CWE70188F153 61-32 AA C 0CWE70188F243 61-30 AA C 0CWE70188F251 61-30 AA C 0CWE70188F251 61-31 AA C 0CWE70188J100 61-76 AA C 0CWE70188J100 61-78 AA C 0CWE70188J152 61-84<	0CWE450000896	58- 4	AC		С	
OCWE450001897						
" 58-28 AC C 0CWE450001138 66-101 AC C 0CWE450001130 66-125 AF C 0CWE70162J100 61-28 AF C 0CWE70162J101 61-19 AA C 0CWE70162J101 61-19 AA C 0CWE70162J2181 61-20 AA C 0CWE70162J472 61-27 AA C 0CWE70162J472 61-27 AA C 0CWE70188F153 61-32 AA C 0CWE70188F153 61-32 AA C 0CWE70188F153 61-32 AA C 0CWE70188F7516 61-26 AA C 0CWE70188F7516 61-6 AA C 0CWE70188J100 61-75 AA C 0CWE70188J104 61-75 AA C 0CWE70188J152 61-84 AA C 0CWE70188J153 61-83 AA C 0CWE70188J202 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
OCWE450001128	0CWE450000897	57- 8	AC		С	
OCWE450001128	"	59 29	A.C.		_	
" 66-101 AC C OCWE4500114J101 66-125 AF C OCWE70016JR22 67-72 AC C OCWE70162J101 61-19 AA C OCWE70162J101 61-19 AA C OCWE70162J2181 61-20 AA C OCWE70162J472 61-22 AA C OCWE70188F153 61-32 AA C OCWE70188F153 61-32 AA C OCWE70188F153 61-32 AA C OCWE70188F1683 61-30 AA C OCWE70188F1912 61-30 AA C OCWE70188F1912 61-76 AA C OCWE70188J100 61-76 AA C OCWE70188J104 61-75 AA C OCWE70188J153 61-83 AA C OCWE70188J153 61-83 AA C OCWE70188J202 61-83 AA C OCWE70188J2						
OCWE 130 06-125	0CWE450001128	64- 87	AC		C	
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0CWE70231F472 67-84 AA C 0CWE70231F473 67-75 AA C 0CWE70231F682 67-71 AA C 0CWE71047J103 67-86 AC B 0CWE73268J101 61-3 AF C	0CWE70231F222	67- 77	AA		С	
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0CWE73268J101 61- 3 AF C						
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	IUCWE73303Z104	61- 41	AB		С	

DADTO 00D5		PRICE	NEW	PART	
PARTS CODE	NO.	RANK	MARK	RANK	
0CWE73303Z105	61- 4 67- 2	AD AD		C	
0CWE73303Z224	61- 8	AC		С	
0CWE73303Z334	61- 38	AC		С	
0CWE73328K334	67- 11	AC		С	
0CWE73388J180 0CWE73388J220	67- 14 67- 15	AB AB		C	
0CWE73388J390	67- 12	AB		С	
0CWE73423M105	61- 43	AC		С	
0CWE73423M106	61- 1	AC		С	
0CWE73423M475 0CWE73423M476	61- 7 61- 6	AC AC		C	
0CWE73425M107	61- 36	AD		С	
0CWE73425M476	61- 42	AC		С	
0CWE73425M477	61-100	AD		С	
0CWE73431M107 0CWE73488M105	61- 5 67- 6	AF AC		C	
0CWE73488M476	67- 7	AC		C	
0CWE73490M107	67- 9	AC		С	
0CWE73492M127	67- 8	AE		С	
0CWE73495K102 //	61- 37	AB AB		C	
0CWE73495K103	67- 3 61- 39	AB		C	
"	67- 4	AB		C	
0CWE73495K561	67- 16	AB		С	
0CWE73496J101	67- 10	AA		С	
0CWE73497Z104 //	61- 2 67- 5	AA		C	
0CWE73537K221	67- 13	AB		С	
0CWE74071WE04	61- 46	AC		C	
0CWE74212WE06	61- 9	AE		С	
0CWE74212WE08 0CWE74212WE09	61- 10	AE AE		С	
0CWE74212WE09	61- 11 61- 55	AD		C	
//	67- 91	AD		С	
0CWE74291WE02	67- 21	AD		С	
0CWE74291WE04	67- 19	AC		С	
0CWE74299BK06 0CWE74322WE07	61- 44 67- 24	AB AD		C	
0CWE74322WE07	67- 26	AD		C	
0CWE74340WE03	67- 28	AC		С	
0CWE74340WE05	67- 25	AD		С	
0CWE74340WE06 0CWE74340WE10	67- 20 67- 17	AD AE		C	
0CWE74340WE10	67- 18	AE		C	
0CWE74340WE12	67- 27	AF		C	
0CWE74382WE03	55- 77	AL		С	
0CWE74436WE02	67- 22	AC		С	
0CWE74436WE06 0CWE76005A6R2	67- 23 61- 90	AD AE		C B	
//	67- 89	AE		В	
0CWE76008G180	61- 35	AD		В	
0CWE76008H120	61- 91	AB		В	
0CWE76008H160 //	61- 34 67- 90	AD AD		B B	
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0CWE77002373A	61- 54	ΑL		В	
0CWE7702006//	61- 57	AG		В	
0CWE7703200F/	67- 40 67- 45	AG AF		B B	
0CWE7703200F/	67- 43	AF		В	
0CWER020SKP//	64- 96	AB	N	C	
0CWER030SKP//	64- 46	AA		С	
<i>"</i>	65- 47	AA		С	
0CWER040SKP//	66- 33 64- 17	AB		С	
//	66- 28	AB		С	
0CWER050SKP//	63- 6	AA		С	
//	64- 16	AA		С	
<i>"</i>	65- 4 66- 22	AA		C	
0CWER070SKP//	64- 10	AA		С	
//	66- 60	AA		С	
0CWHP020060SC	57- 60	AC		С	
0CWHP020080SC 0CWHP020100SC	65- 10 59- 45	AC AC		C	
0CWHP020100SC	64- 28	AC		C	
//	66- 17	AC		0	
0CWHP020120SC	57- 50	AC		С	
0CWHP020120SH	64-107	AC	N	С	
0CWHP020140SC	57- 57	AC		С	

PARTS CODE	NO.	PRICE	NEW	PART	
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0CWHW060FZN//	66-137	AA	N	C	
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0CWNSBLT00058	66- 72	AP		С	
OCWNSBLT00072	66- 14	AS		С	
0CWNSBLT00092 0CWNSBLT00185	66- 9	AN		С	
0CWN3BL100183	66- 1 62- 30	AA		C	
0CWSP030100FP	57- 62	AC		C	
0CWSP03016FPA	66- 91	AC		С	
0CWZ0030WE004	56- 42	AC		С	
0FT14136535//	54-265	AU		С	
0FT14261925// 0FT23006212//	54-270 54- 1	AH AP		C B	
0FT23043398//	54-211	AF		С	
0FT23055159//	54- 51	AD		В	
0FT23078361//	54- 52	AH		В	
0FT23078876//	54- 22	AH		В	
0FT23080986// 0FT23087743//	54- 53	AG		В	
UF123U8//43//	54- 4 54-201	AD AD		C	
0FT23088421//	54- 67	AK		C	
0FT23090280//	54- 78	AD		C	
//	54-235	AD		C	
//	54-236	AD		С	
0FT23090523//	54- 5	AD		С	
0FT23090531// 0FT23097153//	54- 75 54- 74	AD AG		C	
0FT23097T53//	54- 74 54- 48	AG		В	
0FT23105423//	54-131	AE		С	
0FT23111660//	54- 72	AK		C	
0FT23124916//	54- 69	AK		С	
0FT23138429//	54- 23	AK		В	
0FT23149366// 0FT23150526//	54- 49	AH AN		В	
0FT23150526//	54- 63 54- 60	AH		C	
0FT23188655//	54- 58	AP		C	
0FT23188728//	54- 62	AP		C	
0FT23195236//	54- 24	AC		В	
0FT23198634//	54- 39	AF		В	
0FT23202569//	54-273	AC		С	
0FT23202577// 0FT23223116//	54-272 54- 33	AC AF		C B	
0FT23239837//	54- 65	AK		С	
"	54-231	AK		C	
0FT23242382//	54- 26	AK		В	
0FT23243621//	54-230	AG		С	
0FT23245608// 0FT23246191//	54-220	AK AF		В	
0FT23246191//	54- 38 54- 25	AF		B B	
0FT23247155//	54-151	AG		С	
0FT23252299//	54-263	AD		C	
0FT23252337//	54-264	AG		C	
0FT23256189//	54- 41	AF		В	
0FT23259242//	54- 71	AF		С	
0FT23259269// 0FT23259285//	54- 68 54- 3	AF AF		С	
0FT23259203//	54- 56	AH		C	
0FT23262464//	54- 64	AU		С	
0FT23265420//	54- 31	ΑE		В	
0FT23285758//	54-222	AK		В	
0FT23287815//	54- 2	AF		C	
0FT23288153// 0FT23291235//	54- 29 54- 30	AE AE		B B	
0FT23291235//	54- 66	AL		С	
0FT23307069//	54- 61	AP		С	
0FT23312208//	54- 46	AU		В	
OFT23323668//	54-271	AR		С	
//	54-274	AR		С	
0FT23324052//	54-134	AD AQ		С	
0FT23339424// 0FT23339521//	54-139 54-146	AQ		C	
0FT23339750//	54-148	AC		С	
0FT23343243//	54-248	AK		В	
0FT23353524//	54- 19	AU		С	
0FT23355705//	54- 28	AF		В	
0FT23371158//	54- 89	٨K		В	
0FT23371166//	54-252 54- 91	AK AK		B B	
0FT23371100//	54-253	AK		В	
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DFT23371344// S4-18	PARTS CODE	NO.	PRICE	NEW	PART	
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DFT23381072// 54-17 AR						
DFT23381158// 54-284						
## 54-239 AG C OFT23400433// 54-36 AF B OFT23412644// 54-79 AH C OFT23413403// 54-40 AU B ## 54-225 AU B OFT234138691// 54-268 AD C OFT23418237// 54-120 AC C OFT23418235// 54-120 AC C OFT23418235// 54-120 AC C OFT23418235// 54-118 AC C OFT23418383// 54-118 AC C OFT234184510// 54-118 AC C OFT23418455// 54-126 AC C OFT23418455// 54-126 AC C OFT23418455// 54-126 AC C OFT23418553// 54-110 AC C OFT23418553// 54-111 AC C OFT2341865// 54-126 AC C OFT23418553// 54-111 AC C OFT23418553// 54-111 AC C OFT2341865// 54-126 AC C OFT2341865// 54-126 AC C OFT23418553// 54-111 AC C OFT2341865// 54-126 AC C OFT2341866// 54-126 AC C OFT2341866// 54-13 AC C OFT2341866// 54-13 AC C OFT2341868// 54-112 AC C OFT2341866// 54-13 AC C OFT2341866// 54-13 AC C OFT2341866// 54-13 AC C OFT23418693// 54-13 AC C OFT23418693// 54-114 AC C OFT23418804// 54-17 AC C OFT23418804// 54-17 AC C OFT23418715// 54-113 AC C OFT23418715// 54-113 AC C OFT234193122// 54-121 AC C OFT234193122// 54-121 AC C OFT234193122// 54-121 AC C OFT23419419401// 54-8 AC C OFT2341941941// 54-8 AC C OFT2341955// 54-10 AC C OFT2341955// 54-10 AC C OFT2341955// 54-10 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT2341956// 54-124 AC C OFT234195// 54-13 AC C OFT234195// 54-13 AC C OFT234195// 54-13 AC C OFT234195// 54-13 AC C OFT233195// 54-13 AC C OFT233196// 54-13 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT233196// 54-14 AC C OFT23359// 54-14 AC C OFT2359// 54-14 AC C OFT2359// 54-14 AC C OFT2359// 54-14 AC C OFT2359// 54-14 AC C OF	0FT23381158//		AK		В	
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OFT23413403// S4-40	0FT23405087//	54- 50	AN		В	
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OFT23418235// S4-120						
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OFT23418251// S4-116						
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OFT23418456// S4-126						
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0FT23537129// 54-106 AD C 0FT23537137// 54-92 AD C 0FT23537188// 54-249 AD C 0FT23538036// 54-105 AD C 0FT23539423// 54-11 AK C 0FT23555402// 54-12 AD C 0FT23555402// 54-12 AD C 0FT235574342// 54-212 AD C 0FT23574342// 54-35 AE B 0FT23586928// 54-219 AD B 0FT23593282// 54-87 AH C 0FT23601552// 54-140 AK C 0FT23606732// 54-21 AF B 0FT23606910// 54-21 AD B 0FT23607259// 54-127 AE B 0FT23611329// 54-127 AE B 0FT23611329// 54-77 AK C						
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0FT23601552// 54- 21 AF B 0FT23606732// 54- 20 AD B " 54-221 AD B 0FT23606910// 54- 27 AE B 0FT23607259// 54-127 AE C 0FT23611329// 54- 77 AK C	0FT23599132//					
" 54-221 AD B 0FT23606910// 54-27 AE B 0FT23607259// 54-127 AE C 0FT23611329// 54-77 AK C			AF		В	
0FT23606910// 54- 27 AE B 0FT23607259// 54-127 AE C 0FT23611329// 54- 77 AK C	0FT23606732//	54- 20			В	
0FT23607259// 54-127 AE C 0FT23611329// 54-77 AK C						
0FT23611329// 54-77 AK C						
// 54-238 AK C						
	//	54-238	AK		С	

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PARTS CODE	NO.	PRICE	NEW	PART	
	110.	RANK	MARK	RANK	
0FT23633012//	54-234	AH		С	
0FT23639789//	54- 57	AS		В	
0FT23642909//	54- 15	AK		C	
0FT23642917//	54- 16	AG		С	
0FT23642925//	54- 14	AK		С	
0FT23644626//	54-241	AG		В	
	-	AK			
0FT23644634//	54- 90			В	
0FT23644642//	54- 85	AG		В	
0FT23644650//	54- 86	AL		В	
0FT23649202//	54-262	AD		C	
0FT23652106//	54-226	AU		В	
0FT23671658//	54- 59	AP		В	
0FT23697355//	54-269	ΑU		С	
0FT23700801//	54- 47	AL			
				В	
0FT23703029//	54-218	ΑT		С	
0FT23707520//	54-101	AD		С	
0FT23707555//	54- 97	AD		С	
0FT23707571//				_	
	54-254	AD		С	
0FT23707598//	54- 99	AD		С	
0FT23709604//	54- 43	AP		В	
0FT23723119//	54-203	AL		A	
0FT23723127//	54-209	AK		Α	
0FT23737713//	54-247	AD	<u></u>	С	
0FT23737748//	54- 98	AD		С	
"	54-260	AD		C	
				_	
0FT23740277//	54-243	AK		В	
0FT23755592//	54-103	AD		С	
0FT23761118//	54-208	AP		A	
0FT23765385//	54-102	AD		С	
0FT23765407//	54-109	AD		С	
0FT23766381//	54-258	AD		С	
0FT23769933//	54-255	AD		Č	
0FT23770273//	54-257	AD		С	
0FT23772853//	54- 42	AP		В	
0FT23776506//	54- 45	AP		В	
0FT23776522//		BC			
	54-214			С	
0FT23779521//	54-202	AP		Α	
0FT23779556//	54-206	AP		Α	
0FT23780139//	54-251	AD		C	
				_	
0FT23780341//	54-204	AK		Α	
0FT23782328//	54-100	AD		С	
0FT23782948//	54- 95	AD		С	
0FT23783413//		AF			
	54- 34			В	
0FT31541328//	54- 13	AU		С	
0FT31543193//	54-213	AU		В	
0FT31545692//	54-217	AU		В	
0FT33001460//	54- 54	AK		В	
0FT33004664//	54-259	AD		С	
0FT33006004//	54-215	AU		С	
0FT33024266//	54- 96	AD		C	
	0.00				
0FT33054246//	54- 70	AK		С	
0FT33055250//	54-154	AG		С	
0FT33056788//	54- 94	AD		С	
0FT33057288//	54- 73	AK		C	
0FT33079214//	54-246	AD		С	
0FT33080026//	54-207	AP		Α	
0FT33092091//	54-227	BB		В	
0FT33105347//	54-224	AS		В	
0FT33114613//	54-210	AP		Α	
0FT33125097//	54-256	AD		С	
0FT33145594//	54- 37	ΑX		В	
0FT33147333//	54-205	AP		A	
0FT33167288//	54- 81	AF		С	
0FT33201443//	54-228	BB	<u></u>	В	
0FT33258402//	54-266	ΑU		С	
0FT33283717//	54-233	BA		C	
0FT33293976//	54- 84	AF		С	
0FT33309996//	54- 55	AX	<u></u>	В	
0FT33322070//	54-138	ΑU		С	
0FT33322089//	54-137	AU		C	
0FT33322097//	54-136	AU		С	
0FT33330863//	54-133	AP	<u></u>	С	
0FT33372582//	54-135	AX		С	
0FT33373902//	54-144	AP		C	
0FT33373910//	54-141	BC		С	
0FT33375077//	54-232	BA	<u></u>	С	
0FT33377118//	54-229	ВА		С	
0FT33380925//	54-142	AU		C	
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